.10
 /\*tag= a
 /note= "contains phosphorothioate internucleotide

linkages"

Location/Qualifiers

Key modified base

Page 281

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                                                                                                                                                                                                                                                                                                                                                                 Sequences AAV46501-V47446 are anti-sense oligonucleotides that target the human adenosine Al receptor, the design of which required the secondary structure of this targets mRNA. The adenosine receptor mRNA secondary structure was both analysed and used to construct antisense oligonucleotides containing a phosphorothioate backbone. Once the antisense molecules are created they can be used to target their predetermined target, thus causing the gene product to decrease. The antisense oligonucleotides were targeted to specific mRNA regions containing either a junction between the intron and exon, or where they protein coupled family of cell surface receptors is a member of the Grenostein coupled family of cell surface receptors that have 7-transmembrane segments. These oligonucleotides can be used to treat or prevent conditions associated with bronchoconstriction and/or lung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   inflammation in humans or other animals e.g. asthma, pulmonary disease,
                                                                                                                                                                                                                                                                                  Treating respiratory disease with antisense sequences directed agains adenosine or bradykinin receptors - with localised delivery to the respiratory system, suitable for long term treatment of asthma, adult respiratory distress syndrome etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Secondary structure; mRNA; phosphorothioate backbone; G-protein; bronchoconstriction; lung inflammation; asthma; pulmonary disease; allergy; emphysema; cystic fibrosis; ss.

    .10
    /*tag= a
    /note= "contains phosphorothioate internucleotide

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Antisense oligonucleotide 910, targeting adenosine Al receptor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1; Length 10; 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10 BP; 2 A; 2 C; 5 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            43.8%; Score 7; DB 1
100.0%; Pred. No. 3.44; ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               allergy, emphysema and cystic fibrosis
                                      Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                            Claim 12; Page 8-24; 47pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAV47410 standard; DNA; 10 BP.
                                                                                                                                                                                   96US-00757024.
                                                                                                                                                            97WO-US022017,
                                                                                                                                                                                                          (UYEC-) UNIV EAST CAROLINA.
                                                                                    linkages"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10-NOV-1998 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                           WPI; 1998-322464/28.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 GGCGGGC 8
                                   Key
modified_base
            Homo sapiens.
                                                                                                                                                          26-NOV-1997;
                                                                                                                                                                                  26-NOV-1996;
                                                                                                           WO9823294-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
                                                                                                                                  04-JUN-1998
 Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAV47410;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                    Nyce JW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 551
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Sequences AAV46501-V47446 are anti-sense oligonuclectides that target the human adenosine A1 receptor, the design of which required the secondary structure of this targets mRNA. The adenosine receptor mRNA secondary carructure of this targets mRNA. The adenosine receptor mRNA secondary carructure was both analysed and used to construct antisense coligonuclectides containing a phosphorothioate backbone. Once the attisense molecules are created they can be used to target their predetermined target, thus causing the gene product to decrease. The antisense oligonuclectides were targeted to specific mRNA regions containing either a junction between the intron and exon, or where they may overlap the initiation codon. The receptor is a member of the G-cortaining either a junction between the intron and exon, or where they protein coupled family of cell surface receptors that have 7-cortaining either a junction between the completions associated with bronchoconstriction and/or lung inflammation in humans or other animals e.g. asthma, pulmonary disease,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Rapid amplification of polymorphic DNA, RAPD; allele; breeding programme; muscle fibre composition; Duroc pig; meat quality; PCR primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                    Treating respiratory disease with antisense sequences directed against adenosine or bradykinin receptors - with localised delivery to the respiratory system, suitable for long term treatment of asthma, adult
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10 BP; 2 A; 3 C; 5 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Primer used in RAPD assay of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 12; Page 8-24; 47pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             respiratory distress syndrome etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      97WO-US022017.
                                                                                                                                                                    96US-00757024.
                                                                                                                                                                                                                     (UYEC-) UNIV EAST CAROLINA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                     WPI; 1998-322464/28.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 GGCGGGC
                                                                                                          26-NOV-1997;
WO9823294-A1
                                                                                                                                                                    26-NOV-1996;
                                                      04-JUN-1998.
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vasoconstriction
                         09-JUN-1998;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAX53778;
                                                                      Nyce JW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 5:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                         PCR primers AAV35877-996 were used in a rapid amplification of polymorphic DNA (RAPD) reaction in the assay of the invention. This assay is used to determine if an animal has an allele for, or muscle fibre composition (MFC) characteristic of, the Duroc pig. Duroc pigs produce meat of superior quality (particularly tenderness) but are normally less efficient feed converters and fatter than other types. The assay comprises analysing a tissue sample to determine if the genotype comprises the allele, and genetic features typical of animals with Duroctype MFC are present. The method is used to select animals with have Duroc characteristics for use in breeding programmes (to develop the animals with Duroc pig characteristics), and to assess meat quality
                                                                                                                                                                          Assay for alleles or muscle fibre composition characteristic of Duroc type pigs - comprises determination of genotype or muscle fibre properties, used to identify animals for breeding programs and to assess
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Antisense oligonucleotide; multiple target; antisense treatment; impaired respiration; inflammation; lung disease; pulmonary vasconstriction; inflammation; allergic rhinitis; acute asthma; allergy; asthma; impeded respiration; respiratory distress syndrome; pain; cystic fibrosis; pulmonary bypertension; pulmonary vasconstriction; emphysema; chronic obstructive pulmonary disease; leukemia; lymphoma; carcinoma; colon cancer; breast cancer; lung cancer; pancreatic cancer; hepatocellular carcinoma; kidney cancer; melanoma; hepatic metastasis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                      .;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human adenosine Al receptor antisense oligonucleotide fragment.
                                                                                                                                                                                                                                                                                                                                                                                                                              43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10 BP; 1 A; 3 C; 4 G; 2 T; 0 U; 0 Other;
                                                                                                       (MEAT-) MEAT & LIVESTOCK COMMISSION.
                                                                                                                                                                                                                                      Example 3; Page 33; 56pp; English.
                                                                                                                               Warkup CC;
                                            96GB-00020904.
97GB-00003350.
97GB-00005796.
97GB-00019002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAX53757 standard; DNA; 10 BP.
                       97WO-GB002741
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity luv...
7, Conservative
                                                                                                                               Maltin CA, Steven J,
                                                                                                                                                     WPI; 1998-240968/21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  prostate cancer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7 GCGGCAT 13
                                                                                                                                                                                                               meat quality.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17-SEP-1998;
                      07-OCT-1997;
                                                                                 09-SEP-1997;
                                                         18-FEB-1997;
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16-APR-1998
                                                                     20-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25-MAR-1999,
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The specification describes antisense oligonucleotides (AAX52869-X55271)

directed against at least 2 mRNAs selected from target genes, coding and
con-coding regions of RNAs corresponding to target genes, coding and
codons, genomic flanking regions, intron-exon borders, the 5'-end, the 3'
codons, genomic flanking regions, intron-exon borders, the 5'-end, the 3'
codons genomic flanking regions, intron-exon borders, the 5'-end, the 3'
codons of mixtures. The antisense oligonucleotides may be derived
from sequences AAX55272-74. These multiple target oligonucleotides
conditions or mixtures. The antisense oligonucleotides may be derived
from sequences AAX55272-74. These multiple target oligonucleotides
conditions or mixtures. The antisense oligonucleotides
diseases and conditions. Typical diseases and conditions are those
associated with impaired respiration and inflammation, including lung
diseases, pulmonary vasoconstriction, inflammation, allergic rhinitis,
cutte asthma, allergies, asthma, impeded respiration, respiratory
distress syndrome, pain, cystic fibrosis, pulmonary hypertension,
cutte asterma, allergies, asthma, impeded respiration, respiratory
distress syndrome, pain, cystic fibrosis, pulmonary hypertension,
colon cancer, breast cancers such as leukemias, lymphomas, carcinomas e.g.
colon cancer, breast cancers which may metastasize or have metastasized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                    New antisense oligonucleotides used in treatment of, e.g. pulmonary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             to the lungs, including breast and prostate cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 10 BP; 1 A; 3 C; 5 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure; Page 41; 120pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAX53778 standard; DNA; 10 BP.
97US-0059160P.
98US-00093972.
                                                                                                                                               (UYEC-) UNIV EAST CAROLINA.
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                                                                                                                                                                                                                                                                                                                                      WPI; 1999-229400/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   prostate cancer; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 GGCGGGC 10
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Best Local Similarity
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directed against at least 2 mRNAs selected from target genes, coding and
con-coding regions of RNAs corresponding to target genes, gene initiation
codons, genomic flanking regions, intron-exon borders, the 5'-end, the 3'
codons, genomic flanking regions, intron-exon borders, the 5'-end, the 3'
codons of the juxta-section between coding and non-coding regions and all
codons of mixtures. The antisense oligonucleotides may be derived
from sequences AAX55272-74. These multiple target oligonucleotides
conditions or mixtures. The antisense oligonucleotides may be derived
from sequences AAX55272-74. These multiple target oligonucleotides
conditions or mixtures. Typical diseases and conditions are those
associated with impaired respiration and inflammation, including lung
diseases, pulmonary vasoconstriction, inflammation, allergic rhinitis,
cutte asthma, allergies, asthma, impeded respiratory
distress syndrome, pain, cystic fibrosis, pulmonary hypertension,
cutte asterma allergies as the fibrosis, pulmonary programmary
disease (COPD), and cancers such as leukemias, lymphomas, carcinomas e.g.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                       colon cancer, breast cancer, lung cancer, pancreatic cancer, hepatocellular carcinoma, kidney cancer, melanoma, hepatic metastases, awell as all types of cancers which may metastasize or have metastasized to the lungs, including breast and prostate cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antisense oligonucleotide, multiple target; antisense treatment; impaired respiration; inflammation; lung disease; pulmonary vasoconstriction; inflammation; allergic rhinitis; acute asthma; allergy; asthma; impeded respiration; respiratory distress syndrome; pain; cystic fibrosis; pulmonary hypertension; pulmonary vasoconstriction; emphysema; chronic obstructive pulmonary disease; leukemia; lymphoma; carcinoma; colon cancer; breast cancer; lung cancer; pancreatic cancer; hepatocellular carcinoma; kidney cancer; melanoma; hepatic metastasis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                              New antisense oligonucleotides used in treatment of, e.g. pulmonary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human adenosine Al receptor antisense oligonucleotide fragment.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10 BP; 1 A; 3 C; 5 G; 1 T; 0 U; 0 Other;
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100.0%; Pred. No. 3.4
:ive 0; Mismatches
                                                                                                                                                                                                      Disclosure, Page 41; 120pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAX53768 standard; DNA; 10 BP.
                                      97US-0059160P.
98US-00093972.
              98WO-US019419.
                                                                               (UYEC-) UNIV EAST CAROLINA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             05-JUL-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100...
7, Conservative
                                                                                                                                    WPI; 1999-229400/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               prostate cancer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            œ
                                                                                                                                                                             vasoconstriction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 GGCGGGC
              17-SEP-1998;
                                       17-SEP-1997;
                                                      09-JUN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO9913886-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAX53768;
                                                                                                            Nyce JW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAX53768
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The specification describes antisense oligonucleotides (AAX52869-X55271)

directed against at least 2 mRNAs selected from target genes, coding and non-coding regions of RNAs corresponding to target genes, coding and con-coding regions of RNAs corresponding to target genes, coding and con-coding regions, intron-exon borders, the 5'-end, the 3'-end and the juxta-section between coding and non-coding regions and all segments of RNAs encoding proteins associated with one or more diseases, conditions or mixtures. The antisense chigonuclectides may be derived from sequences AAX5512-4. These multiple target oligonuclectides from sequences AAX55180-271) can be used for the antisense treatment of diseases and conditions. Typical diseases and conditions are those associated with impaired respiration and inflammation, allergic rhinitis, catte asthma, allergise, asthma, impeded respiration, respiratory distress syndrome, pain, cystic fibrosis, pulmonary hypertension, collesses (COPD), and cancers such as leukemias, lymphomas, carcinomas e.g. colon cancer, breast cancer, parencer, parencer, parencer, parencer, minged cancer; parencer, parenc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Antisense oligonucleotide; multiple target; antisense treatment; impaired respiration; inflammation; lung disease; pulmonary vasoconstriction; inflammation; allergic rhinitis; acute asthma; allergy; asthma; impeded respiration; emphysema; respiratory distress syndrome; pain; cystic fibrosis; pulmonary hypertension; pulmonary vasoconstriction; emphysema; chronic obstructive pulmonary disease; leukemia; lymphoma; carcinoma; colon cancer; breast cancer; lung cancer; pancreatic cancer; hepatocellular carcinoma; kidney cancer; melanoma; hepatic metastasis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             New antisense oligonucleotides used in treatment of, e.g. pulmonary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human adenosine Al receptor antisense oligonucleotide fragment.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               to the lungs, including breast and prostate cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 10 BP; 2 A; 2 C; 5 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.8%; Score 7; DB 1; Le 100.0%; Pred. No. 3.4e+02; ttive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Page 41; 120pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAX53787 standard; DNA; 10 BP.
                                                                                             98WO-US019419
                                                                                                                                                                                               97US-0059160P
                                                                                                                                                                                                                                              98US-00093972
                                                                                                                                                                                                                                                                                                                                      (UYEC-) UNIV EAST CAROLINA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    05-JUL-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      prostate cancer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 1999-229400/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      vasoconstriction
                                                                                        17-SEP-1998;
                                                                                                                                                                                               17-SEP-1997;
                                                                                                                                                                                                                                              09-JUN-1998;
25-MAR-1999.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAX53787;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                             Nyce JW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 556
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAX53787
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20-0CT-1999
                                                                                                                                                                                       Nyce JW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 558
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BXXXXXXXXXXXXXXX
                                                                                                                                                                                                                                                                             The specification describes antisense oligonucleotides (AAX52869-X55271)

directed against at least 2 mRNAs selected from target genes, coding and
con-coding regions of RNAs corresponding to target genes, coding and
codons, genomic flanking regions, intron-exon borders, the 5'-end, the 3'
cend and the juxta-section between coding and non-coding regions and all
segments of RNAs encoding proteins associated with one or more diseases,
conditions or mixtures. The antisense oligonucleotides may be derived
from sequences AAX5512-74. These multiple target oligonucleotides
conditions or mixtures. The antisense oligonucleotides are those
associated with impaired respiration and inflammation, including lung
diseases, pulmonary vasoconstriction, inflammation, allergic rhinitis,
caute asthma, allergies, asthma, impeded respiration, respiratory
distress syndrome, pain, cystic fibrosis, pulmonary hypertension,
culmonary vasoconstriction, emphysema, chronic obstructive pulmonary
disease (COPD), and cancers such as leukemias, lymphomas, carcinomas e.g.
colon cancer, breast cancer, lung cancer, pancreatic cancer,
chaptecellular carcinoma, kidney cancer, melanoma, hepatic metastasized
well as all types of cancers which may metastasize or have metastasized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Antisense oligonucleotide; multiple target; antisense treatment; impaired respiration; inflammation; lung disease; pulmonary vasoconstriction; inflammation; allergic rhinitis; acute asthma; allergy asthma; impeded respiration; respiratory distress syndrome; pain; cystic fibrosis; pulmonary hypertension; pulmonary vasoconstriction; emphysema; chronic obstructive pulmonary disease; leukemia; lymphoma; carcinoma; colon cancer; breast cancer; lung cancer; pancreatic cancer; hepatocellular carcinoma; kidney cancer; melanoma; hepatic metastasis; prostate cancer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
                                                                                                                                                                                                                New antisense oligonucleotides used in treatment of, e.g. pulmonary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human adenosine A2b receptor antisense oligonucleotide fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              to the lungs, including breast and prostate cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10 BP; 2 A; 3 C; 5 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Prec. ....
                                                                                                                                                                                                                                                         Disclosure, Page 41; 120pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAX54553 standard; DNA; 10 BP.
                                                                                          97US-0059160P.
98US-00093972.
                                                               98WO-US019419
                                                                                                                                 (UYEC-) UNIV EAST CAROLINA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      05-JUL-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                       WPI; 1999-229400/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 GGCGGGC 8
                                                                                                                                                                                                                              vasoconstriction
           WO9913886-A1
                                                               17-SEP-1998;
                                                                                          17-SEP-1997;
09-JUN-1998;
                                    25-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAX54553;
                                                                                                                                                             Nyce JW;
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The specification describes antisense oligonucleotides (AAX52869-X55271)

directed against at least 2 mRNAs selected from target genes, coding and
non-coding regions of RNAs corresponding to target genes, coding and
codons, genomic flanking regions, intron-exon borders, the 5'-end, the 3'
end and the juxta-section between coding and non-coding regions and all
segments of RNAs encoding proteins associated with one or more diseases,
conditions or mixtures. The antisense oligonucleotides may be derived
from sequences AAX5512-74. These multiple target oligonucleotides
conditions or mixtures multiple target oligonucleotides
from sequences AAX55180-271) can be used for the antisense treatment of
diseases and conditions. Typical diseases and conditions are those
associated with impaired respiration and inflammation, allergic rhinitis,
diseases, pulmonary vasoconstriction, inflammation, allergic rhinitis,
acute asthma, allergies, asthma, impeded respiration, respiratory
disease (COPD), and cancers such as leukemias, lymphomas, carcinomas e.g.
colon cancer, breast cancer, lung cancer, pancreatic cancer,
colon cancer, breast cancer, lung cancer, pancreatic cancer,
colon cancer, breast cancer, lung cancer, pancreatic cancer,
colon cancer, breast cancer, lung cancer, melanoma, hepatic metastassized
cothe lungs, including breast and prostate cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      commercial; assay; test; fungal pathogen; crop protection; cucurbit; primer; PCR; RAPD analysis; isolate; food crop; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New antisense oligonucleotides used in treatment of, e.g. pulmonary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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100.0%; Pred. No. 3.4e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    T14 primer for amplification of fungal genomic DNA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure; Page 43; 120pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAZ22665 standard; DNA; 10 BP
                                                                                                                                                                                                                        98WO-US019419.
                                                                                                                                                                                                                                                                                             97US-0059160P
                                                                                                                                                                                                                                                                                                                                    98US-00093972
                                                                                                                                                                                                                                                                                                                                                                                                      (UYEC-) UNIV EAST CAROLINA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 1999-229400/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 GCGGCCG 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        vasoconstriction
                                                                 WO9913886-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               04-JAN-2000
                                                                                                                                                                                                                        17-SEP-1998;
                                                                                                                                                                                                                                                                                                                                    09-JUN-1998;
                                                                                                                                                                                                                                                                                                 17-SEP-1997;
                                                                                                                                              25-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EP950719-A2
Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAZ22665;
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                                                                                                                                                                                                                                                                                 analysis of fungal isolates of Dydimella bryiniae and Phoma species. The new method may be used to distinguish D. bryoniae from non-pathogenic Phoma species fungal infections in Cucurbts (i.e.cucumbers, pumpkins, watermelons, gourds, cantaloupes, squashes and related plants). The new method of detection of D. bryoniae and Phoma species infections allows method which involved growing pure cultures of the pathogens from the infected plants and identifying them under the light microscope. The method leads to the early treatment of the infected plants with fungicides resulting in an increased chance of saving the infected food
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  antiallergic; antiasthmatic; cytostatic; analgesic; impaired airway; lung disease; ischaemic condition; pulmonary vasoconstriction; asthma; respiratory distress syndrome; pain; cystic fibrosis; emphysem; pulmonary hypertension; chronic obstructive pulmonary disease; COPD;
                                                                                                                                                                                       Detecting a pathogenic fungus in cucumbers, pumpkins and gourds using recombinant techniques.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human, adenosine receptor, low adenosine antisense oligonucleotide, phosphorothioate, impaired respiration, inflammation, allergy, allergic disease; bronchoconstriction, inhibitor, antiinflammatory,
                                                                                                                                                                                                                                                                     This is a commercial oligonucleotide primer for the PCR-based RAPD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cancer; leukaemia; lymphoma; carcinoma; metastasis; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Low adenosine antisense oligonucleotide SEQ ID NO:910.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10 BP; 3 A; 3 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Pred. ...
                                                                                                                                                                                                                                       Example 3; Page 8; 19pp; English
                                                                                                                            Dean RA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAA33221 standard; DNA; 10 BP.
                99EP-00104751.
                                              98US-0078103P
                                                             99US-00255432
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28-JUL-2000 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                            Somai BM,
                                                                                           (UYCL-) UNIV CLEMSON
                                                                                                                                                          WPI; 1999-582557/50.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7 GCGGCAT 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8 GCGGCAT 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO200009525-A2
                                                           22-FEB-1999;
                10-MAR-1999;
                                              16-MAR-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              03-AUG-1999;
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                                                                                                                            Keinath AP,
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The present invention describes a new composition comprising an antisense oligonucleotide (ON) with low adenosine (up to 15%), which targets concless involved in bronchoconstriction, allergies, and/or inclaimmation. The ON can have antinflammatory, antiallergic, antiasthmatic, cytostatic and analgesic activities. The compositions are useful for the treatment of diseases associated with inflammation, impaired airways, including lung disease and diseases whose secondary effects afflict the lungs of a subject. They can be used for treating c. impaired airways, including lung diseases and diseases whose secondary effects afflict the lungs of a subject. They can be used for treating c. impeded respiratory distress syndrome, pain, cystic impeded respiration, respiratory distress syndrome, pain, cystic fibrosis, pulmonary hypertension, emphysema, chronic obstructive cractionary disease (CODD), and cancers such as leukamias, lymphomas, carcinomas, and cancers which may metastasise to the lungs, including breast and prostate cancer. The reduction of the adenosine content of the conchoconstriction and inflammation. AAA33313 to AAA33312 represent the crelease of deoxyadenosine which activates adenosine receptors causing bronchoconstriction and inflammation. AAA33313 to AAA33312 represent the cinvention which correspond to SEQ ID NO:1 to 1815, but the sequences differ correspond to SEQ ID NO:1 to 185, but the sequence correspond to SEQ ID NO:1 to 185, but the present invention. N.B. Sequences given in the disclosure of the present invention. N.B. Sequences given in the disclosure of the present invention. N.B. is an in the sequence given in the sequence given in the sequence given in the sequence invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                              New antisense oligonucleotides useful for treating e.g. pulmonary vasoconstruction, inflammation, allergies, asthma, hypertension, bronchitis, emphysema, respiratory distress syndrome, ischemia or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 10 BP; 1 A; 3 C; 5 G; 1 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 7; 1
Pred. No.
                                                                                                                                                                          Claim 18; Page 379; 1343pp; English.
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                    WPI; 2000-205971/18
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Best Local S
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The present invention describes a new composition comprising an antisense oligonucleotide (ON) with low adenosine (up to 15%), which targets nucleic acids involved in bronchoconstriction, allergies, and/or inflammation. The ON can have antiinflammatory, antiallergic, antiasthmatic, cytostatic and analgesic activities. The compositions are useful for the treatment of diseases associated with inflammation, impaired airways, including lung disease and diseases whose secondary effects afflict the lungs of a subject. They can be used for treating c. impaired airways, including lung diseases syndrome, pain, cysic impaired respiration, respiratory distress syndrome, pain, cysic fibrosis, pulmonary hypertension, emphysema, chronic obstructive carcinomas, and cancers which may metastasise to the lungs, including brease (ODD), and cancers such as leukaemias, lymphomas, carcinomas, and cancers which may metastasise to the lungs, including brease and prostate cancer. The reduction of the adenosine content of the carcinomas, and effects. The A-containing ONs break down with the release of deoxyadenosine which activates adenosine receptors causing conchoconstriction and inflammation. AAA3313 to AAA35312 represent to invention, which correspond to SEQ ID NO:1 to 185, but the sequences differ cinvention, which correspond to SEQ ID NO:1 to 185, but the sequences of from the previously named sequences. SEQ ID NO:1 to 185, but the sequence of from the disclosure of the present invention. N B. Sequences given in the disclosure of the present invention. N B. including the present invention of the present invention. We have the present invention of the present invention.
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                                                                                                                                                                                                                      New antisense oligonucleotides useful for treating e.g. pulmonary vasoconstruction, inflammation, allergies, asthma, hypertension, bronchitis, emphysema, respiratory distress syndrome, ischemia or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10 BP; 2 A; 3 C; 5 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                         Claim 18; Page 380; 1343pp; English.
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                     98US-0095212P
                                                                        (UYEC-) UNIV EAST CAROLINA
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                                                                                                                                                                        WPI; 2000-205971/18.
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Best Local Similarity
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                     03-AUG-1998;
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                                                                                                                           Nyce JW;
                                                                                                                                                                                                                                                                                                           cancers.
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The present interitors a new composition composition controlled to the present interitors and analyses and controlled to the present interitors are interested and controlled to the control of diseases associated with inflammation.

Controlled airway, including lung diseases and diseases whose secondary effects afflict the lungs of a subject. They can be used for treating of e.g. ischaemic conditions, pulmonary vasoconstriction, allergies, asthma, impeded respiration, respiratory distress syndrome, pain, cystic fibrosis, pulmonary hypertension, emphysema, chronic obstructive pulmonary disease (COPD), and cancers such as leukaemias, lymphomas, carcinomas, and cancers which may metastasise to the lungs, including breast and prostate cancer. The reduction of the adenosine content of the release of deoxyadenosine which activates adenosine receptors causing carcinomas, and cancers which activates adenosine receptors causing chronic obstruction and inflammation. Assalsia to Assalsia represent the nucleotide sequences given in the sequence listing from the present cinvention, which correspond to SEQ ID No:1 to 185, but the sequences differ invention, which correspond to SEQ ID No:1 to 185, but the sequence of from the present invention. N.B. Sequences given in the disclosure of the present invention. N.B. corresponding SEQ ID NO: sequences given in the sequence given in the sequence in the present invention. N.B.
                                                                                                                                                                                                                                                                                                                                                                                                                                     present invention describes a new composition comprising an antisense nonucleotide (ON) with low adenosine (up to 15%), which targets
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                                                                                                                                                                                                                                                                                            New antisense oligonucleotides useful for treating e.g. pulmonary vasoconstruction, inflammation, allergies, asthma, hypertension, bronchitis, emphysema, respiratory distress syndrome, ischemia or
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Mismatches 0;
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100.0%; Fr.
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                  WO200009525-A2
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                                                          24-FEB-2000
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Homo sapiens

Wed May 10 10:49:51 2006

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The present inventor describes a new composition composition of integral and integral described (MI) with low adenosine (up to 15%), which targets nucleic acids involved in bronchoconstriction, allergies, and/or confident in the ON can have antiinflammatory, antialergic, antiasthmatic, cytostatic and analgesic activities. The compositions are useful for the treatment of diseases associated with inflammation.

Compaired airways, including lung disease and diseases whose secondary effects afflict the lungs of a subject. They can be used for treating c.g. ischaemic conditions, pulmonary vasoconstriction, allergies, asthma, impeded respiration, respiratory distress syndrome, pain, cystic fibrosis, pulmonary hypertension, emphysema, chronic obstructive cuplunoary disease (COPD), and cancers such as leukaemias, lymphomas, carcinomas, and cancers which may metastasise to the lungs, including breast and prostate cancer. The reduction of the adenosine content of the CONs reduces side effects. The A-containing ONs break down with the convention which correspond to SQI DN NO:1 to 2815, and then the last 185 concernation, which correspond to SQI DN NO:1 to 185, but the sequences differ invention, which correspond to SQI DN NO:1 to 185, but the sequence is sequences are also called SRO ID NO:1 to 185, but the sequence from the previously named sequences. SQI DN NO:1 to 185, and then the last 185 concernation of the present invention do not match the invention of the invention of the present invention of the sequence jiven in the disclosure of the present invention do not match interior.
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lung disease; ischaemic condition; pulmonary vasoconstriction; asthma; respiratory distress syndrome; pain; cystic fibrosis; emphysema; pulmonary hypertension; chronic obstructive pulmonary disease; COPD; cancer; leukaemia; lymphoma; carcinoma; metastasis; ss.
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Matches 7; Conservative
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                                                                                                                                                  WO200009525-A2.
                                                                                                           Homo sapiens
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                                                                                                             antiallergic; antiasthmatic; cytostatic; analgesic; impaired airway; lung disease; ischaemic condition; pulmonary vasoconstriction; asthma; respiratory distress syndrome; pain; cystic fibrosis; emphysema; pulmonary hypertension; chronic obstructive pulmonary disease; COPD; cancer; leukaemis; lymphoma; carcinoma; metastasis; ss.
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                                             Human; adenosine receptor; low adenosine antisense oligonucleotide;
phosphorothioate; impaired respiration; inflammation; allergy;
allergic disease; bronchoconstriction; inhibitor; antiinflammatory;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New antisense oligonucleotides useful for treating e.g. pulmonary vasoconstruction, inflammation, allergies, asthma, hypertension, bronchitis, emphysema, respiratory distress syndrome, ischemia or
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adenosine antisense oligonucleotide SEQ ID NO:900.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       43.8%; Score 7; DB 1; Les 100.0%; Pred. No. 3.4e+02; ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 18; Page 378; 1343pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                            98US-0095212P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2000-205971/18.
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Best Local Similarity
Matches 7; Conserv
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                                                                                                                                                                                                                                                                                                    WO200009525-A2.
                                                                                                                                                                                                                                                       Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                          03-AUG-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                          03-AUG-1998;
                                                                                                                                                                                                                                                                                                                                               24-FEB-2000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nyce JW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cancers.
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RESULT 564 AAA57157

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APC; monocyte-derived dendritic cell; differential gene expression;
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                                                                               Human intestinal trefoil factor; hITF; antiulcer; antinflammatory; antimitations antimicrobial; cytostatic; gastrointestinal motility enhancer; peptic ulcer disease; inflammatory bowel disease; anticancer; gastrointestinal tract protection; bacterial infection; radiation injury;
                                                                                                                                                                                                                                                                                                                                       New rat intestinal trefoil factor, useful for treating peptic ulcer diseases, or inflammatory bowel diseases and for protecting the intestinal tract from injury caused by bacterial infection, or radiation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                          Human intestinal trefoil factor PCR primer restriction site sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human dendritic cell SAGE tag, SEQ ID NO:11.
                                                                                                                                                                                                                                                                                                                                                                                            Disclosure, Col 7; 17pp; English.
ВЪ.
                                                                                                                                                                                                                          91US-00655965.
92US-00837192.
93US-00037741.
94US-00191352.
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                                                                                                                                                                                                        95US-00476705.
AAAS7157 standard; DNA; 10
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                                                                                                                                                                                                                                                                            (GEHO ) GEN HOSPITAL CORP.
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                                                                                                                         neoplastic cancer; ds
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                                                                                                                                                                                                        07-JUN-1995;
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                                      16-OCT-2000
                                                                                                                                                               US6063755-A.
                                                                                                                                                                                                                                     13-FEB-1992;
                                                                                                                                                                                    16-MAY-2000.
                                                                                                                                                                                                                            14-FEB-1991;
                                                                                                                                                                                                                                                                                                  Podolsky DK;
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                                                                                                                                                                                                                                                25-MAR-1993
                                                                                                                                             Synthetic.
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                    AAA57157
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                                                                                                                                                                                                                                                                                                                                                                           injury.
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Matches
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tag; serial analysis of gene expression; antigen-presenting cell;

SAGE

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activation of the cycotoxic immune response, particularly against tumour cells. Tumour antigen presentation via the MHC (major histocompatibility complex) and subsequent recognition by T-cell receptors is alone insufficient to activate a robust cycloxic immune response that can lyse the tumour cells, immunostimulatory cofactors also being required for efficient activation of cycloxic T-lymphocytes (CTis). Nucleic acid sequences identified using the SAGE tags have several potential uses. They may be used in vaccines to induce an immune response, particularly against a tumour antigen; to modulate the genotype of an APC; to screen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequences AAZ77573-Z79709 represent SAGE (serial analysis of gene expression) tags used to identify mRNA transcripts encoding immunostimulatory coffector proteins which are preferentially or differentially expressed in monocyte-derived dendritic cells compared with monocytes. Some of the transcripts correspond to known genes or ESTs (expressed sequence tags) which were previously unknown to be preferentially or differentially expressed in dendritic cells, while other transcripts correspond to novel genes. Antigen-presenting cells other transcripts correspond to novel genes. Antigen-presenting cells (APC) associated costimulatory factors play an important role in the
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immunostimulatory cofactor; costimulatory factor; CTL; cytotoxic T-lymphocyte; tumour antigen; immunotherapy; anticancer; 88.
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98US-0089993P.
98US-0089994P.
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98US-0089991P.
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98US-0089999P.
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                                                                                                                                                                                                                                                        WO9965924-A2
                                                                                                                                                             Homo sapiens
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for agents that modulate expression of differentially expressed genes in an APC; and as hybridisation probes/amplification primers for the diagnosis, prognosis and monitoring of diseases related to abnormal expression of these genes. Detection of the dendritic cell differentially expressed genes, or of their encoded proteins, can be used to identify call be used in active immunotherapy (or to stimulate production of appulation of antigen-specific effector cells) and vectors containing them are used in gene therapy. Co-administration of tumour antigens and APC-associated costimulatory factors ensures adequate antigen and APC-associated costimulatory factors ensures adequate antigen and account of the ac
                                                                                                                                                                      presentation to endogenous APCs and upregulates the APCs for the presentation of co-stimulatory signals, migration to T cell-rich sites, secretion of T cell growth factors and secretion of chemokines for recruitment of immune effector cells
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                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                         43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.48+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                           Sequence 10 BP; 1 A; 5 C; 4 G; 0 T; 0 U; 0 Other;
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98US-0090918P

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Best Local Similarity 100.
Matches 7; Conservative
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19-JUN-1998;
19-JUN-1998;
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Sequences AAZ7573-Z79709 represent SAGE (serial analysis of gene expression) tags used to identify mRNA transcripts encoding carpression) tags used to identify mRNA transcripts encoding differentially expressed in monocyte-derived dendritic cells compared differentially expressed in monocyte-derived dendritic cells compared (expressed sequence tags) which were previoually unknown to be compared to preferentially or differentially expressed in dendritic cells, while compered sequence tags) which were previoually unknown to be compared or complex) and information of the cytocoxic immune response, particularly against tumour cells. Tumour antigen presentation via the MHC (major histocompatibility complex) and subsequent recognition by T-cell receptors is alone in the complex) and subsequent recognition by T-cell receptors is alone complex) and subsequent recognition by T-cell receptors is alone complex) and subsequent recognition by T-cell receptors is alone insufficient to activate a robust cytoxic immune response that can lyse complex) and subsequent recognition by T-cell receptors is alone complex) and subsequent recognition by T-cell receptors is alone complex, and subsequent recognition of cytocoxic immune response that can lyse complex and subsequent recognition of cytocoxic rumune response, particularly sequences identified using the SAGE tags have several potential uses.

They may be used in vaccines to induce an immune response, particularly against a tumour antigen; to modulate expression of differentially expressed genes in confidence and subsequent monitoring of diseases related to abnormal companies, promoses and expressed genes, promoses and employed in the dendritic cells ontaining these genes containing the sequence of them are used in active immunotherapy (or to stimulate production of antigen specific effector cells ontaining these genes containing the production of constituitatory signals, migration of constituitatory signals, migration of constituitatory signals, migration of constituitatory si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Isolated polynucleotides differentially expressed in antigen-presenting cells, useful in gene vaccines against cancer.
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                                    98US-0090078P.
98US-0090079P.
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98US-0090077P
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(ROBE/) ROBERTS B L.
(SHAN/) SHANKARA S.
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Isolated polynucleotides differentially expressed in antigen-presenting cells, useful in gene vaccines against cancer. SAGE tag; serial analysis of gene expression; antigen-presenting cell; APC; moncoyte-derived dendritic cell; differential gene expression; immunostimulatory cofactor; costimulatory factor; CTL; cytotoxic T-lymphocyte; tumour antigen; immunotherapy; anticancer; ss. Claim 1; Page 90; 130pp; English. 98US - 0089991P 98US - 0089991P 98US - 0089997P 98US - 0089997P 98US - 00990035P 98US - 0090035P 98US - 0090040P 98US - 0090040P 98US - 0090040P 98US - 0090044P 98US - 0090044P 98US - 0090044P 98US - 0090044P 98US - 0090047P 98US - 0090047P 98US - 0090047P 98US - 0090047P 98US - 0090078P 98US - 0090078P 98US-0089844P. 98US-0089853P. 98US-0089878P. 98US-0089833P. Shankara S; GENZYME CORP. ROBERTS B L. WPI; 2000-106077/09. (GENZ ) GENZYME CORI (ROBE/) ROBERTS B L (SHAN/) SHANKARA S. 19-JUN-1998; 19-JUN-1998; 19-JUN-1998; 19-JUN-1998; Bapiens WO9965924-A2 08-DEC-1998; BĽ, 19-JUN-1998; 18-JUN-1999; 19-JUN-1998; 19-JUN-1998; 19-JUN-1998 19-41-NDD-61 19-4UN-1998 19-JUN-1998 19-JUN-1998 19-JUN-1998 19-JUN-1998 19-JUN-1998 23-DEC-1999 19-JUN-1998 19-JUN-1998 Roberts Homo

calls, useful in gene vaccines against cancer.

Claim 1; Page 90; 130pp; English.

Claim 1; Page 90; 130pp; English.

Sequences AAZ77573-Z79709 represent SAGE (serial analysis of gene expression) tags used to identify mRNA transcripts encoding immunostimulatory cofactor proteins which are preferentially or differentially expressed in monocyte-derived dendritic cells compared with monocytes. Some of the transcripts correspond to known genes or ESTS (expressed sequence tags) which were previously unknown to be preferentially or differentially expressed in dendritic cells, while preferentially or differentially expressed in dendritic cells, while preferentially or differentially expressed in dendritic cells, while cother transcripts correspond to novel genes. Antigen-presenting cell (APC)-associated costimulatory factors play an important role in the activation of the cytotoxic immune response, particularly against tumour cells. Immunostimulatory cofactors also being required for insufficient to activate a robust cytotoxic immune response that can lyse insufficient to activate a robust cytotoxic immune response that can lyse clinelicient activation of cytotoxic impunostimulatory cofactors also being required for efficient activation of cytotoxic T-lymphocytes (CTLs). Nucleic acid sequences identified using the SAGE tags have several potential uses.

They may be used in vaccines to induce an immune response, particularly

dgainst a tumour antigen; to modulate the genotype of an APC; to screen for agents that modulate expression of differentially expressed genes in APC; and as hybridisation probes/amplification primers for the diagnosis, prognosis and monitoring of diseases related to abnormal expression of these genes. Detection of the dendritic cell differentially cells as belonging to the monocyte lineage. Cells containing these genes can be used in active immunotherapy (or to stimulate production of a countient of antigen-specific effector cells) and vectors containing them are used in gene therapy. Co-administration of tumour antigens and APC-associated costimulatory factors ensures adequate antigen and APC-associated costimulatory factors ensures adequate antigen presentation to endogenous APCs and upregulates the APCs for the presentation of co-stimulatory signals, migration to T cell-rich sites, secretion of T cell growth factors and secretion of chemokines for recruitment of immune effector cells ö SAGE tag; serial analysis of gene expression; antigen-presenting cell; APC; monocyte-derived dendritic cell; differential gene expression; immunostimulatory cofactor; costimulatory factor; CTL; cytotoxic T-lymphocyte; tumour antigen; immunotherapy; anticancer; ss. Gaps .. 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; trive 0; Mismatches 0; Indels Sequence 10 BP; 0 A; 7 C; 2 G; 1 T; 0 U; 0 Other; Human dendritic cell SAGE tag, SEQ ID NO:1468. 9805-0089991P 9805-0089994P 9805-00899997P 9805-0090000P 9805-0090036P 9805-0090040P 9805-0090041P 9805-0090041P 9805-0090041P 9805-0090041P AAZ79040 standard; DNA; 10 BP. 98US-0090047P. 98US-0090048P. 98US-0090072P. 98US-0089853P. 98US-0089878P. 98US-0089991P. 98US-0089992P. 99WO-US013800 (first entry) Local Similarity 100. nes 7; Conservative 5 GGCCGC 11 10 GGGCGCC 4 Homo sapiens. 19-JUN-1998; 10-APR-2000 WO9965924-A2 18-JUN-1999; 19-7UN-1998; 19-7UN-1998; 23-DEC-1999, 19-NUL-61 19-JUN-1998 19-JUN-1998 AAZ79040; Query Match RESULT 568 Best Loc Matches ઠ 셤 

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Sequences AAZ77573-279709 represent SAGE (serial analysis of gene expression) tags used to identify mRNA transcripts encoding timmunostimulatory cofactor proteins which are preferentially or differentially expressed in monocyte-derived dendritic cells compared (expressed sequence tags) which were previously unknown to be correspond to novel genes. Antigen-presenting cells, while preferentially or differentially expressed in dendritic cells, while cother transcripts correspond to novel genes. Antigen-presenting cells other transcripts correspond to novel genes. Antigen-presenting cells certivation of the cytotoxic immune response, particularly against tumour cells. Tumour antigen presentation via the MHC (major histocompatibility complex) and subsequent recognition by T-cell receptors at alone insufficient to activate a robust cytotoxic immune response that can lyse complex) and subsequent recognition by T-cell receptors is alone insufficient to activate a robust cytotoxic immune response that can lyse complex) and subsequent recognition by T-cell receptors is alone insufficient to activate a robust cytotoxic immune response that can lyse complex) and subsequent recognition by T-cell sequences identified using the SAGE tags have several potential uses. They may be used in vaccines to induce an immune response, particularly against that modulate expression of differentially expressed genes in containing these genes contained to these genes, prognosis and monitoring of diseases related to abnormal expressed genes, or of their encoded proteins, can be used in active immunothesized colls ontaining these genes containing them are used in active immunothesized production of the dendritic cells ontaining them production of antigen-specific effector cells) and vectors containing proper presentation of antigen-specific effector cells and vectors containing presentation of co-stimulatory factors ensures adequate antigen presentation of cells contained by migration of cells on the monocyte lineage. Cells contained for mean
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                                                                                                                                                                                                  Isolated polynucleotides differentially expressed in antigen-presenting cells, useful in gene vaccines against cancer.
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98US-0090076P.
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Best Local Similarity 100.
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SAGE tag, serial analysis of gene expression, antigen-presenting cell, APC; moncoyte-derived dendritic cell; differential gene expression; immunostimulatory cofactor; costimulatory factor; CTL; cytottoxic T-lymphocyte; tumour antigen; immunotherapy; anticancer; ss.
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They may be used in vaccines to induce an immune response, particularly against a tumour antigen; to modulate the genotype of an APC; to screen for agants that modulate expression of differentially expressed genes in an APC; and as hybridisation probes/amplification primers for the diagnosis, prognosis and monitoring of diseases related to abnormal expression of these genes. Detection of the dendritic cell differentially captesion of these genes petection of the dendritic cell differentially cells as belonging to the monocyte lineage. Cells containing these genes can be used in active immunotherapy (or to stimulate production of a popularion of antigen-specific effector cells) and vectors containing them are used in gene therapy. Co-administration of tumour antigens and APC-associated costimulatory factors ensures adequate antigen presentation of co-stimulatory signals, migration to Tcell-rich sites, recruitment of immune effector cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SAGE tag, serial analysis of gene expression, antigen-presenting cell, APC; moncoyre-derived dendritic cell, differential gene expression, immunostimulatory cofactor; costimulatory factor; CTL, cytotoxic T-lymphocyte; tumour antigen; immunotherapy; anticancer; ss.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10 BP; 1 A; 6 C; 3 G; 0 T; 0 U; 0 Other;
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98US-0089853P.
98US-0089991P.
98US-0089991P.
98US-0089997P.
98US-0089999P.
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98US-008999P.
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98US-0090042P.
98US-0090043P.
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98US-0090045P.
98US-0090047P.
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Best Local Similarity
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Expression) tags used to identify mRNA transcripts encoding immunostimulatory cofactor proteins which are preferentially or immunostimulatory cofactor proteins which are preferentially or differentially expressed in monocyte-derived dendritic cells compared with monocytes. Some of the transcripts correspond to known genes or ESTS (appressed sequence tags) which were previously unknown to be preferentially or differentially expressed in dendritic cells, while correspond to novel genes. Autigen-presenting cell chert transcripts correspond to novel genes. Autigen-presenting cell chert transcripts correspond to novel genes. Autigen-presenting cell activation of the cytotoxic immune response, particularly against tumour cells. Tumour antigen presentation via the MHC (major histocompatibility complex) and subsequent recognition by T-cell receptors is alone insufficient to activate a robust cytotoxic immune response that can lyse the tumour cells, immunostimulatory cofactors also being required for efficient activation of cytotoxic T-lymphocytes (CTLS). Nucleic acid sequences identified using the SAGE tags have several potential uses. They may be used in vaccines to induce an immune response, particularly against a tumour antigen; to modulate the genotype of an APC; to screen for agents that modulate expression of differentially expressed genes in an APC; and as hybridisation probes/amplification primers for the appression of these genes. Detection of the dendritic call differentially expressed genes can be used in active immunotherapy (or to stimulate production of a population of antigen specific effector cells) and vectors containing them are used in gene therapy. Co-administration of tumour antigens and APC-associated costimulatory factors ensures adequate antigen presentation of co-stimulatory signals, migration of co-stimulatory s
                                                                                                                                                                                                                                                                                                                                 Isolated polynucleotides differentially expressed in antigen-presenting cells, useful in gene vaccines against cancer.
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                                                                                                                                                                                                                                                                                                                                                                                                    Claim 1; Page 108; 130pp; English.
98US-0090072P.
98US-0090076P.
98US-0090077P.
98US-0090078P.
98US-0090080P.
98US-0111715P.
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Matches 7; Conservative
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                                                                                                                                                                    GENZYME CORP. ROBERTS B L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    that are preferentially transcribed in the metaatatic breast tumour transcripts that are preferentially transcribed in the metaatatic breast tumour cells). AAZ83942 tissue (i.e. are upregulated in metaatatic breast tumour cells). AAZ83942 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour cirsue (i.e. are downregulated in metastatic breast tumour cells). These transcripts can be used for diagnosis, monitoring and treatment of breast cancer, particularly where metastatic. Diagnosis is by standard immunoassays or hybridisation/amplification reactions. Compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of c.g. therapeutic genes (also ribozymes or antisense sequences). Darticularly an antigen-encoding sequence for use in gene or cell-based vaccines, for diagnosing breast cancer and for raising specific continuals and isolate populations of educated, antisense sequences or antisolates (Ab). Ab are used to detect the polypeptides or as therapeutic agents. Host cells that produce the polypeptides can be used to expand and isolate populations of educated, antisen-specific immune effecter immune because of immune of immune because of immune of immune of immune of immune of immune of
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                                 Human, metastatic breast tumour tissue; breast cancer; tag; primer; non-metastatic breast tumour tissue; gene therapy; anticancer; antimetastatic; vaccine; diagnosis; ss.
Metastatic breast tumour cell downregulated transcript tag #4456.
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.5.4 e+02;
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ID AAZ85111 standard; DNA; 10 BP.
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                                                Homo sapiens
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that are preferentially transcribed in the metastatic breast tumour tribused to that are preferentially transcribed in the metastatic breast tumour cells). AAZ83942 to AAZ86677 represent tags corresponding to distinct transcribes that are preferentially transcribed in the primary or non-metastatic breast tumour tissue (i.e. are downregulated in metastatic breast tumour cells). These transcribes can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and transcribts are metastatic. Diagnosis is by standard immunoassays or hybridisation/amplification reactions.

Compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcribts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences), extincinally an antigen-encoding sequence for use in gene or cell-based vaccines, for diagnosing breast cancer and for raising specific vaccines, for diagnosing breast cancer and for raising specific cantibodies (Ab). Ab are used to detect the polypeptides or as therapeutic and isolate populations of educated, antigen-specific immune effecter immune east.
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                                                                        Human; metastatic breast tumour tissue; breast cancer; tag; primer;
non-metastatic breast tumour tissue; gene therapy; anticancer;
antimetastatic; vaccine; diagnosis; ss.
Metastatic breast tumour cell downregulated transcript tag #4345.
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(ROBE/) ROBERTS B L.
(SHAN/) SHANKARA S.
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Best Local Similarity
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AAZ81013/c
ID AAZ810
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Human; metastatic breast tumour tissue; breast cancer; tag; primer; non-metastatic breast tumour tissue; gene therapy; anticancer; antimetastatic; vaccine; diagnosis; ss.

98US-0089853P. 98US-0089997P. 98US-0090039P. 98US-0090040P.

98US-0090041P

CORP.

(GENZ ) GENZYME CORP (ROBE/) ROBERTS B L.

(SHAN/) SHANKARA S.

Roberts BL, Shankara S;

WPI; 2000-106079/09.

99WO-US013647.

18-JUN-1999;

23-DEC-1999

19-JUN-1998;

19-JUN-1998 19-JUN-1998 19-JUN-1998

WO9965928-A2. Homo sapiens

Metastatic breast tumour cell upregulated transcript tag #1270.

(first entry)

07-APR-2000

AAZ82036;

AAZ82036 standard; DNA; 10 BP

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that are preferentially transcribed in the metastatic breast tumour cells). AAZ83941 represent tags corresponding to distinct transcripts that are preferentially transcribed in the metastatic breast tumour cells). AAZ83942 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour cils). These tissue (i.e. are downregulated in metastatic breast tumour cells). These transcripts can be used for diagnosis, prognosis, monitoring and treatment of breast cancer, particularly where metastatic. Diagnosis is by standard immunoassays or hybridisation/amplification reactions. Compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antiense sequences), particularly an antigen-encoding sequence for use in gene or cell-based vaccines; for diagnosing breast cancer and for raising specific antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic agents. Host cells that produce the polypeptides or as therapeutic and isolate populations of educated, antigen-specific immune effecter cells.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Isolated polynucleotides differentially expressed between metastatic and non-metastatic breast cancer cells, useful for diagnosis, prevention and
                                                                                                                                                                                                              Human; metastatic breast tumour tissue; breast cancer; tag; primer; non-metastatic breast tumour tissue; gene therapy; anticancer; antimetastatic; vaccine; diagnosis; ss.
                                                                                                                                             Metastatic breast tumour cell upregulated transcript tag #247.
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98US-0090039P.
98US-0090040P.
98US-0090041P.
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19-JUN-1998;
19-JUN-1998;
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AAZ81013;
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Isolated polynucleotides differentially expressed between metastatic and non-metastatic breast cancer cells, useful for diagnosis, prevention and

Claim 1; Page 92; 219pp; English.

treatment of cancer.

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tissue (i.e. are upregent tags corresponding to distinct transcripts that are preferentially transcribed in the metastatic breast tumour tissue (i.e. are upreglated in metastatic breast tumour cells). AAZ83942 to AAZ86677 represent tags corresponding to distinct transcribts that are preferentially transcribed in the primary or non-metastatic breast tumour tissue (i.e. are downregulated in metastatic breast tumour cells). These transcripts can be used for diagnosis, prognosis, monitoring and transcripts can be used for diagnosis, prognosis, monitoring and transcripts can be used for diagnosis, prognosis, monitoring and compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences), particularly an antigen-encoding sequence for use in gene or cell-based vaccines; for diagnosing breast cancer and for raising specific antibodies (bb). Ab are used to detect the polypeptides or as therapeutic and isolate populations of educated, antigen-specific immune effecter cells.
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Matches 7; Conservative
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RESULT 574

AAZ82036

AAZ82210 standard; DNA; 10 BP

AAZ8221

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AAZ80767 to AAZ83941 represent tags corresponding to distinct transcripts that are preferentially transcribed in the metastatic breast tumour cells). AAZ83942 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour cells). AAZ83942 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour tissue (i.e. are downregulated in metastatic breast tumour cells). These transcripts can be used for diagnosis, prognosis, monitoring and treatment of breast cancer, particularly where metastatic. Diagnosis is by standard immunoassays or hybridisation/amplification reactions. Compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or antisense sequences).

CC e.g. therapeutic genes (also ribozymes or as therapeutic contines, Polypeptides encoded by the transcriptes are also useful in antisense sequences).
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                                                                                                                                                                         Human, metastatic breast tumour tissue; breast cancer; tag; primer; non-metastatic breast tumour tissue; gene therapy; anticancer; antimetastatic; vaccine; diagnosis; ss.
                                                                                                                              Metastatic breast tumour cell upregulated transcript tag #1352.
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AAZ82118 standard; DNA; 10 BP.
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98US-0089997P.
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Best Local Similarity
Matches 7; Conservat
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                                           AAZ82118;
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(ROBE/)
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AAZ80767 to AAZ83941 represent tags corresponding to distinct transcripts
that are preferentially transcribed in the metastatic breast tumour
tissue (i.e. are upregulated in metastatic breast tumour cells). AAZ83942
to AAZ86677 represent tags corresponding to distinct transcripts that are
preferentially transcribed in the primary or non-metastatic breast tumour
tissue (i.e. are downrequlated in metastatic breast tumour cells). These
transcripts can be used for diagnosis, monitoring and
treatment of breast cancer, particularly where metastatic. Diagnosis is
by standard immunoassays or hybridisation/amplification reactions.

Compounds that modulate expression of the transcripts are potentially
useful for treatment of (metastatic) breast cancer, while promoters from
the transcripts are used to direct expression, in selected cell types, of
c.g. therapeutic genes (also ribozymes or antisense sequences)
particularly an antigen-encoding sequence for use in gene or cell-based
vaccines; for diagnosing breast cancer and for raising specific
vaccines; for diagnosing breast cancer and for raising specific
antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic
and isolate populations of educated, antigen-specific immune effecter
cells, e.g. cytotoxic T lymphocytes, and these used for adoptive
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                                                                                                                                    Human; metastatic breast tumour tissue; breast cancer; tag; primer; non-metastatic breast tumour tissue; gene therapy; anticancer; antimetastatic; vaccine; diagnosis; ss.
                                                                                              Metastatic breast tumour cell upregulated transcript tag #1444.
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(ROBE/) ROBERTS B L.
(SHAN/) SHANKARA S.
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Sequence 10 BP; 0 A; 5 C; 3 G; 2 T; 0 U; 0 Other; Claim 1; Page 67; 219pp; English. 98US-0089853P. 98US-0089997P. 98US-0090039P. 98US-0090040P. AAZ81107 standard; DNA; 10 BP. 99WO-US013647 (first entry) Shankara S; GENZYME CORP. ROBERTS B L. treatment of cancer. WPI; 2000-106079/09. SHANKARA S. 19-JUN-1998; 19-JUN-1998; 19-JUN-1998; 19-JUN-1998; WO9965928-A2. BĽ, Ното варіеля 18-JUN-1999; 07-APR-2000 23-DEC-1999 19-JUN-1998 AAZ81107; (ROBE/) (SHAN/) GENZ ) Roberts AAZ81107, 

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Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 7; Conservative 0; Mismatches 0; Indels

ઠે 요 AAZ80767 to AAZ83941 represent tags corresponding to distinct transcripts
that are preferentially transcribed in the metastatic breast tumour
tissue (i.e. are upregulated in metastatic breast tumour cells). AAZ83942
to AAZ86677 represent tags corresponding to distinct transcripts that are
preferentially transcribed in the primary or non-metastatic breast tumour
tissue (i.e. are downregulated in metastatic breast tumour cells). These
transcripts can be used for diagnosis, prognosis, monitoring and
transcripts can be used for diagnosis, prognosis, monitoring and
transcripts can be used for diagnosis, prognosis, monitoring and
transcripts are used to direct expression of the transcripts are potentially
useful for treatment of (metastatic) breast cancer, while promoters from
the transcripts are used to direct expression, in selected cell types, of
e.g. therapeutic genes (also ribozymes or antisense sequences)
carcines Polypeptides encoded by the transcripts are also useful in
vaccines; for diagnosing breast cancer and for raising specific
antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic
adents. Host cells that produce the polypeptides can be used to expand
and isolate populations of educated, antigen-specific immune effecter
cells, e.g. cytotoxic T lymphocytes, and these used for adoptive Isolated polynucleotides differentially expressed between metastatic and non-metastatic breast cancer cells, useful for diagnosis, prevention and Human; metastatic breast tumour tissue; breast cancer; tag; primer; non-metastatic breast tumour tissue; gene therapy; anticancer; antimetastatic; vaccine; diagnosis; ss. Metastatic breast tumour cell upregulated transcript tag #341.

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that are preferentially transcribed in the metastatic breast tumour that are preferentially transcribed in the metastatic breast tumour cells). AAZ89342 to AAZ86677 represent tags corresponding to distinct transcribts that are preferentially transcribed in metastatic breast tumour cells). AAZ863942 to AAZ86677 represent tags corresponding to distinct transcribts that are preferentially transcribed in the primary or non-metastatic breast tumour cells). These transcribts can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and compounds that modulate expression of the transcripts are potentially compounds that modulate expression of the transcripts are potentially the transcripts are used to direct expression, in selected cell types, of the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences), particularly an antigen-encoding sequence for use in gene or cell-based vaccines; for diagnosing breast cancer and for raising specific antibodies (b). Ab are used to detect the polypeptides or as therapeutic and isolate populations of educated, antigen-specific immune effecter cells, e.g. cytotoxic I lymphocytes, and these used for adoptive
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                                                                                                                                                                                                                                                Metastatic breast tumour cell upregulated transcript tag #908
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                                                                                                                                  AAZ81674 standard; DNA; 10 BP
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GGCGGCA 12
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                                GGCGCCA 3
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that are preferentially transcribed in the metastatic breast tumour that are preferentially transcribed in the metastatic breast tumour cells). AAZ33942 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour cells). Presentially transcribed in the primary or non-metastatic breast tumour cells. These transcripts can be used for diagnosis, prognosis, monitoring and transcripts can be used for diagnosis, prognosis, monitoring and treatment of breast cancer, particularly where metastatic. Diagnosis is by standard immunoassays or hybridisation/amplification reactions. Compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences).

Compounds that mantigen-encoding sequence for use in gene or cell-based vaccines; for diagnosing breast cancer and for raising specific antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic agents. Host cells that produce the polypeptides on be used to expand and isolate populations of educated, antispense used to adoptive cells.
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                     Gaps
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non-metastatic breast tumour tissue, gene therapy; anticancer;
antimetastatic; vaccine; diagnosis; ss.
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 Pred. No. 3.4e+02;
               0; Mismatches
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100.08;
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                                                 5 GGCCGC 11
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Best Local Similarity
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(ROBE/)
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Sequence 10 BP; 1 A; 5 C; 4 G; 0 T; 0 U; 0 Other;

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AAZ80767 to AAZ83941 represent tags corresponding to distinct transcripts that are preferentially transcribed in the metastatic breast tumour cells). AAZ883942 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour cells). These trissue (i.e. are downregulated in metastatic breast tumour cells). These transcripts can be used for diagnosis, prognosis, monitoring and transcripts can be used for diagnosis, prognosis, monitoring and transcripts can be used for diagnosis, prognosis, monitoring and compounds that modulate expression of the transcripts are potentially compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell.types, of e.g. therapeutic genes (also ribozymes or antisense sequences from the transcripts are used to direct expression, in selected cell.types, of particularly an antigen-encoding sequence for use in gene or cell-based vaccines; for diagnosing breast cancer and for raising specific antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic agents. Host cells that produce the polypeptides can be used to expand and isolate populations of educated, antigen-specific immune effecter immunotherapy
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                                   0; Indels
   Length 10;
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   DB 1;
            100.0%; Preu. ...
 43.8%; Score 7; I 100.0%; Pred. No.
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(ROBE/) ROBERTS R T.
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                                                                                                                                                                                                                                                                                                                                               Metastatic breast tumour cell downregulated transcript tag #4208.
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                                               43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02;
              BP; 0 A; 6 C; 3 G; 1 T; 0 U; 0 Other;
                                                          100.0%; Pred. .v.
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                                                                                                                                                                                                                                            AAZ84974 standard; DNA; 10 BP.
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that are preferentially transcribed in the metastatic breast tumour tissue (i.e. are upregulated in metastatic breast tumour cells). AAZ8677 represent tags corresponding to distinct transcribts that are preferentially transcribed in metastatic breast tumour cells). AAZ8677 represent tags corresponding to distinct transcribts that are preferentially transcribed in the primary or non-metastatic breast tumour citissue (i.e. are downregulated in metastatic breast tumour cells). These transcribts can be used for diagnosis, prognosis, monitoring and transcribts can be used for diagnosis, prognosis, monitoring and creatment of breast cancer, particularly where metastatic. Diagnosis is by standard immunoassays or hybridisation/amplification reactions. Compounds that modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences), particularly an antigen-encoding sequence for use in gene or cell-based continually preptides encoded by the transcripts are also useful in vaccines; for diagnosing breast cancer and for raising specific antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic
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cells, e.g. cytotoxic T lymphocytes, and these used for adoptive
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                                                                                              Sequence 10 BP; 1 A; 3 C; 4 G; 2 T; 0 U; 0 Other;
                                                                                                                                                                   43.8%; Score 7; DB 1; Lei
100.0%; Pred. No. 3.4e+02;
tive 0; Mismatches 0;
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ses 7; Conservative
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(SHAN/) SHANKARA S.
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                                    immunotherapy
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that are preferentially transcribed in the metastatic breast tumour cises that are preferentially transcribed in the metastatic breast tumour cises tissue (i.e. are upregalated in metastatic breast tumour calls). AAZ83342 to AAZ86677 represent tags corresponding to distinct transcripts that are preferentially transcribed in the primary or non-metastatic breast tumour calls). These tissue (i.e. are downregulated in metastatic breast tumour calls). These transcripts can be used for disquosis, prognosis, monitoring and transcripts can be used for disquosis, prognosis, monitoring and transcripts can be used for disquosis, prognosis, monitoring and transcripts can be used to disquosis, prognosis, monitoring and transcripts are modulate expression of the transcripts are potentially useful for treatment of (metastatic) breast cancer, while promoters from the transcripts are used to direct expression, in selected cell types, of e.g. therapeutic genes (also ribozymes or antisense sequences), particularly an antigen-encoding sequence for use in gene or cell-based vaccines. Polypeptides encoded by the transcripts are also useful in
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agents. Host cells that produce the polypeptides can be used to expand and isolate populations of educated, antigen-specific immune effecter cells, e.g. cytotoxic I lymphocytes, and these used for adoptive
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100.0%; Pred. No. 3.4e+02;
Live 0; Mismatches 0;
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Best Local Similarity
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                                                      immunotherapy
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19-7UL-1998
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vaccines; for diagnosing breast cancer and for raising specific antibodies (Ab). Ab are used to detect the polypeptides or as therapeutic agents. Host cells that produce the polypeptides can be used to expand and isolate populations of educated, antigen-specific immune effecter cells, e.g. cytotoxic I lymphocytes, and these used for adoptive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Computational method and system for identifying clusters of sequences within a set of sequences, useful for identifying, e.g. DNA-binding
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                                                                                                                                                     43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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tive 0; Mismatches
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                                                                                                                                       Query Match
Best Local Similarity 100.
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                                                                                                                                                                            GGCGGCA
                                                                                                                                                                                                                                                            2 GGCGGCA
                                                                                      immunotherapy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-AUG-2000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                   AAA93863;
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WPI; 2000-350734/30.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hashimoto S,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             28-OCT-1998;
                                                                Homo sapiens
                                                                                                                                                     23-JUL-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28-OCT-1999;
                                                                                                                               23-JUL-1998;
                                                                                                         08-FEB-2000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   04-MAY-2000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAA56550;
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                                                                                                                                                                                                                                                                                                                                                                                                                                     The present invention describes a group of genes consisting of 100 genes which are highly expressed in human dendritic cells; a group of genes which are expressed at a higher frequency in human dendritic cells than in human monocytes; and a group of genes which are expressed at lower frequency in human dendritic cells than in human monocytes. Each group of genes are characterised in that cDNAs of these genes respectively have the base sequences of SEQ ID NO:10 to 100 (AAC74014 to AAC74014) and SEQ ID NO:201 to 300 (AAC74013), cach is continuous with the base sequence 5'-CATG-3' to AAC74213), each is continuous with the base sequence 5'-CATG-3' the investigation of the poly-A region. The sequence can be used for the investigation of the immune system and for the study and diagnosis of diseases in which dendritic cells play a significant role, e.g. cancers
                                                                                                                                                                                                                                                                                                                                                                       Groups of genes expressed in human dendritic cells at a greater or lesser extent than in monocytes for investigation and diagnosis of autoimmune disease and tumors.
                                                                                                                                         Human monocyte and dendritic cell expressed gene oligonucleotide #277.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                               cell; monocyte; immune system; diagnosis; cancer;
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43.8%; Score 7; DB 1
Best Local Similarity 100.0%; Pred. No. 3.4
Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                              Suzuki T;
                                                                                                                                                                                                                                                                                                         (NISC-) JAPAN SCI & TECHNOLOGY CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                  Claim 19; Page 16; 95pp; Japanese.
                                                                         AAC74190 standard; cDNA; 10 BP.
                                                                                                                                                                         autoimmune disease; tumour; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BP.
                                                                                                                                                                                                                                                              30-MAR-2000; 2000WO-JP002019.
                                                                                                                                                                                                                                                                                    99JP-00095481
                                                                                                                                                                                                                                                                                                                              Hashimoto S, Matsushima K,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAZ90635 standard; DNA; 10
                                                                                                                    (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    and autoimmune diseases
                                                                                                                                                                                                                                                                                                                                                   WPI; 2000-619172/59.
10 GCATCGT 16
                  dcarcer 3
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                                                                                                                                                              dendritic
                                                                                                                                                                                                                    WO200060074-A1.
                                                                                                                                                                                               Homo sapiens.
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                                                                                                                    02-FEB-2001
                                                                                                                                                                                                                                          12-OCT-2000
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                                                                                             AAC74190;
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                                                    RESULT 585
                                                              AAZ90635
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tissue relating to obesity, particularly complications of visceral obesity including diabetes, hyperlipemia, hypertension, arteriosclerosis, hypertensian arteriosclerosis, hyperteins (AAYS0631-633) and the proteins (AAY67598-Y67600) are used in the genetic diagnosis, prevention and treatment of adipose tissue related diseases. Sequences AAZ90634-36 represent PCR primers related to the human adipose tissue genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A physiologically active protein specifically derived from mammal tissue.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to identification of genes and proteins of adipose
                                                                 Adipose tissue, obesity, diabetes; hyperlipemia, hypertension, human, arteriosclerosis; hyperuricemia; sleep apnea syndrome; PCR primer; ss.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human macrophage gene Tag oligonucleotide sequence SEQ ID NO:444
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10 BP; 2 A; 3 C; 2 G; 3 T; 0 U; 0 Other;
Human adipose tissue gene related primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Suzuki T;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Disclosure; Page 39; 50pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SCI & TECHNOLOGY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (NISB ) JAPAN TOBACCO INC
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hes 7; Conservative
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GCATCGT 7
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The present invention describes 100 human genes, which are expressed most frequently in human monocytes. The CDNA of each gene has a sequence fully defined in the specification, and lacking the CAYG sequence located adjacent to polyA region. Also described are: (1) an antibody captured from the protein encoded by any of the genes; (2) oligonucleotides obtained from the CDNA sequences; (3) 380 human genes which are expressed most frequently in human macrophages, differentiated from human monocytes by granulocyte-macrophage colony-stimulating factor, the CDNA of each gene has a fully defined sequence, given in the specification, lacking the base sequence CAYG located most closely to the CDNA A region; (4) an antibody specifically for the protein encoded by any of the genes of (3); and (5) oligonucleotides obtained from the CDNA sequences of (3). The genes and CDNAs, are used for the study of gene specificity and disease onset mechanism e.g. oncogenesis, genetic diseases, drug development and diagnosis. AAASSIO7 to AAASSES represent specifically claimed oligonucleotide tag sequences for human genes
               Genes most frequently expressed in human monocytes and GM-macrophages and M-macrophages studied and with cDNAs characterized, for study of gene specificity, disease onset mechanism, drug development and diagnosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human; adenosine Al receptor; antisense oligonucleotide; hypoxia; adenosine Asa receptor; adenosine Asa receptor; adenosine Asa receptor; phosphorothicate; cardiopulmonary failure; renal failure; ischaemia; endotoxin release; ARDS; acute respiratory distress syndrome; cytoprotective; anti-allergic; anti-inflammatory; anti-hypoxic; subraventricular tachycardia; allergic religiammatory; anti-hypoxic; chronic obstructive pulmonary disease; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human adenosine Al receptor antisense oligonucleotide SEQ ID NO:864.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       43.8%; Score 7; DB 1; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 3.4e+02;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                           expressed in monocytes and macrophages
                                                                                             Claim 43; Page 128; 138pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAA03580 standard; DNA; 10 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.08;
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98US-0088657P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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AAA03580
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The present invention describes a pharmaceutical composition, comprising at least one agent (I) that prevents, alleviates and/or inhibits

C adenosine-mediated cardiopulmonary and/or renal damage and/or failure.

(I) is an adenosine A2a receptor agonist (Ia), or an oligonucleotide

(Ib), containing less than 15% adenosine (A), that is antisense to target

CC (Bb), containing less than 15% adenosine (A), that is antisense to target

CC (Bb), containing less than 15% adenosine (A), that is antisense to target

CC das A1, A2b or A3 agonist activity or A2a antagonist activity or at

CC least no agonist activity or A2a antagonist activity (or at

CC and (1b), and optionally also contains one or more surfactants. The

CC compositions are used to prevent, alleviate and/or treat adenosine

CC compositions are used to prevent, alleviate and/or receptor-mediated cardiac, lung and/or renal damage or failure

CC (particularly where associated with ischemia, toxin release and/or

CC (apitionary disease) and and admansation of supraventricular tachycardia); (adult) respiratory distress syndrome

CC (e.g. associated with sepsis); allegic rhinitis, chronic obstructive

CC sulmonary disease; cardiopulmonary hypoxia associated with administration

CC stress-test agents, particularly where such conditions are associated

with acute inflammation. AAA02712, AAA02772 and AAA03723 to

CAAA03718, AAA02722 and AAA03736 to AAA03730 represent other

CC AAA03718, AAA02722 and AAA03736 to AAA03730 represent other

CC AAA03718, AAA02720, AAA02712, and AAA03730 represent other

CC AAA03718, AAA02720, AAA02712, and AAA03730 represent other

CC AAA03718, AAA02720, AAA02722 and AAA03730 tepresent other ö Novel composition for treating or preventing e.g. cardiopulmonary and renal injury. Human; adenosine Al receptor; antisense oligonucleotide; hypoxia; adenosine Al receptor; adenosine Al receptor; phosphorothioate; cardiopulmonary failure; renal failure; ischaemia; endotoxin release; ARDS; acute respiratory distress syndrome; cytoprotective; anti-allergic; anti-inflammatory; anti-hypoxic; supraventricular tachycardia; allergic rhinitis; acute inflammation; chronic obstructive pulmonary disease; ss. Gaps Human adenosine Al receptor antisense oligonucleotide SEQ ID NO:873. ö 0; Indels DB 1; Length 10; Sequence 10 BP; 1 A; 3 C; 5 G; 1 T; 0 U; 0 Other; 43.8%; Score 7; DB 1; Ler 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Claim 17; Page 36; 252pp; English. AAA03589 standard; DNA; 10 BP. 98US-0088501P. 98US-00093972. 98US-0088657P. 99WO-US012775 19-MAY-2000 (first entry) Best Local Similarity 100. Matches 7; Conservative present invention 2 GGCGGGC 08-JUN-1998; 09-JUN-1998; 09-JUN-1998; Homo gapiens. WO9963938-A2 08-JUN-1999; 16-DEC-1999 Synthetic. AAA03589; Query Match RESULT 589 AAA03589 ##X#XDDDDDDDDDDDDDDDDDDDDDDDDDDD ò 셤  99WO-US012775

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08-JUN-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             at least one agent (1) that prevents, alleviates and/or inhibits adenosine-mediated cardiopulmonary and/or renal damage and/or failure.

(1) is an adenosine Aza receptor agonist (1a), or an oligonucleotide ends or an edenosine Aza receptor agonist (1a), or an oligonucleotide ends or segments less than 15% adenosine (A), that is antisense to target genes or corresponding RNA, to genomic flanking regions (i.e. 5' or 3' ends or segments between coding and non-coding sequences), or to all segments of mRNA encoding the adenosine Al, Aza, Azb or Az receptors, and has Al, Azb or Az agonist activity or Aza antagonist activity (or at least no agonist activity or Aza antagonist activity (or all and (1b), and optionally also contains one or more surfaceants. The compositions are used to prevent, alleviate and/or treat adenosine receptor-mediated cardiac, lung and/or renal damage or failure farming and/or renal damage or failure administration of farming and/or renal damage or failure administration of a contraction of a c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  administration of drugs or imaging agents, e.g. adenosine for treating supraventricular tachycardia); (adult) respiratory distress syndrome (e.g. associated with sepsis); allergic rhinitis; chronic obstructive pulmonary disease; cardiopulmoary hypoxis associated with administration of stress-test agents, particularly where such conditions are associated with acute inflammation. AAA02717, AAA02719, AAA02721 and AAA02723 to AAA03715 represent specifically claimed phosphorothioate antisense oligonucleotides for use in the composition of the present invention. AAA02718, AAA02720, AAA02712 and AAA03716 to AAA03720 represent other phosphorothioate oligonucleotides used in the exemplification of the
                                                                                                                                                                                                                             The present invention describes a pharmaceutical composition, comprising
                                                                                                                       composition for treating or preventing e.g. cardiopulmonary and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human; adenosine Al receptor; antisense oligonucleotide; hypoxia; adenosine As receptor; adenosine As receptor; phososine As receptor; phosophorothicate; cardiopulmonary failure; renal failure; ischaemia; endotoxin release; ARDS; acute respiratory distress syndrome; cytoportective; anti-allergic; anti-inflammatory; anti-hypoxic; enpraventricular tachycardia; allergic rhinitis; acute inflammation; chronic obstructive pulmonary disease; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human adenosine Al receptor antisense oligonucleotide SEQ ID NO:843.
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                                                                                                                                                                                   Claim 17; Page 36; 252pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAA03559 standard; DNA; 10 BP.
(EPIG-) EPIGENESIS PHARM INC
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Matches 7; Conservative
                                                                              WPI; 2000-116433/10
                                    Hill JL;
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                                                                                                                                               renal injury
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                                         Nyce JW,
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                                                                                                                       Novel
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The present invention describes a pharmaceutical composition, comprising at least one agent (I) that prevents, alleviates and/or inhibits adenosine-mediated cardiopulmonary and/or renal damage and/or failure.

(I) is an adenosine A2a receptor agonist (Ia), or an oligonucleotide (Ib), containing less than 154 adenosine (A), that is antisense to target genes or corresponding RNA, to genomic flanking regions (i.e. 5 or 3' ends or segments between coding and non-coding sequences), or to all segments of mRNA encoding the adenosine A1, A2a, A2b or A3 receptors, and chas A1, A2b or A3 agonist activity or A2a antagonist activity (or at least no agonist activity at this receptor). (I) may be a mixture of (Ia) and optionally also contains one or more surfactants. The compositions are used to prevent, alleviate and/or treat adenosine compositions are used to prevent, alleviate and/or release and/or cadministration of drugs or imaging agents, e.g. adenosine for treating supraventricular tachycardia); (adult) respiratory distress syndrome (e.g. associated with sepsis); allergic rhinitis, chronic obstructive pulmonary disease; cardiopulmonary hypoxia associated with administration of stress-test agents, particularly where such conditions are associated with acute inflammation. AAA02717, AAA02719, AAA02721 and AAA02723 to AAA03715 represent specifically claimed phosphorothioate antisense colsponed conditions are associated and phosphorothioate antisense colsponed conditions and phosphorothioate antisense colsponed conditions are associated and phosphorothioate antisense colsponed conditions are associated and phosphorothioate antisense colsponed conditions and phosphorothioate antisense colsponed conditions are associated and phosphoromy phosphoromy phosphoromy phosphoromy phosphoromy phosphoromy phosphoromy phosphoromy phosphor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        present invention describes a pharmaceutical composition, comprising
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98US-0088501P.
                                                98US-00093972.
                                                                                                                                                                                                      (EPIG-) EPIGENESIS PHARM INC
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                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2000-116433/10
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                                                                                                                                                                                                                                                                                                            Hill JL;
                                                     09-JUN-1998;
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Wed May 10 10:49:51 2006

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The present invention describes a pharmaceutical composition, comprising at least one agent (I) that prevents, alleviates and/or inhibits adenosine-mediated cardiopulmonary and/or renal damage and/or failure.

(I) is an adenosine A2a receptor agonist (Ia), or an oligomoclectide can demosine A2a receptor agonist (Ia), that is antisense to target genes or corresponding RNA, to genomic flanking regions (i.e. 5' or 3' ends or segments between coding and non-coding sequences), or to all segments of mRNA encoding the adenosine A1, A2a, A2b or A3 receptors, and has A1, A2b or A3 agonist activity or A2a antagonist activity (or at least no agonist activity at this receptor). (I) may be a mixture of (Ia) and optionally also contains one or more surfactants. The compositions are used to prevent, alleviate and/or treat adenosine (particularly where associated with ischaemia, toxin release and/or administration of drugs or imaging agents, e.g. adenosine for treating supraventricular tachycardia); (adult) respiratory distress syndrome (e.g. associated with sepsis); allergic rhinitis; chronic obstruction of stress-test agents, particularly where such conditions are associated with administration of stress-test agents, particularly where such conditions are associated with actual minimum anticond associated with administration of stress-test agents, particularly where such conditions are associated with actual minimum anticond events inflammation. AAAO2719, AAAO2719, and AAAO2721 and AAAO2721 and AAAO2721 to anticond antico
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Novel composition for treating or preventing e.g. cardiopulmonary and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAA03715 represent specifically claimed phosphorothioate antisense oligonuclectides for use in the composition of the present invention. AAA02718, AAA02720, AAA02722 and AAA03716 to AAA03720 represent other phosphorothioate oligonuclectides used in the exemplification of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human adenosine Al receptor polynucleotide fragment #900.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10 BP; 2 A; 2 C; 5 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 17; Page 36; 252pp; English.
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                                                                                                                                                         99WO-US012775.
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                                                                                                                                                                                                                                                                                                              (EPIG-) EPIGENESIS PHARM INC.
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                                                                                                                                                                                                                                                                                                                                                                  Hill JL;
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                                                 WO9963938-A2
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                                                                                                                                                         08-JUN-1999;
                                                                                                                                                                                                             08-JUN-1998;
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                                                                                                                                                                                                                                      39-JUN-1998;
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                                                                                                  16-DEC-1999
Synthetic.
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The present invention describes low adenosine (A) content antisense oligonucleotides and compositions (I) comprising them. In the antisense oligonucleotides the A is replaced by a 'Universal' or alternative base. (C oligonucleotides the A is replaced by a 'Universal' or alternative base. (I) can have respiratory bronchodilator, antibilatory analgesic, immunosuppressive, antiasthmatic, bronchodilator, antibilatory analgesic, the antisense oligonucleotides and (I) can be used to down-regulate the expression and or activity of target polypeptides associated with lung/respiratory disorders and maliganacies, such as stimulating and certors and transmitters, transcription factors, immunoglobuline and antibodies, antibody receptors, cytokines and chemokines, endogenously produced specific and non-specific enzymes, chemokines, endogenously produced specific and non-specific enzymes, binding proteins, adhesion molecules and their receptors, cytokine and creceptors, adenosine receptors, bradykinin receptors, central nervous system (CNS) and peripheral nervous and non-nervous system peptide creeptors, binding proteins and malignancy associated proteins. The creeptors, binding proteins and malignancy associated proteins. The antisense oligonucleotides may be used in this way to treat disorders including respiratory obstruction (especially pulmonary obstruction) and/or bronchoconstriction) and/or lung inflammation, allergy (ies) and/or succeptors, brain, cystic fibrosis (CF), allergic rhinitis (AR), pulmonary condition, pulmonary vasoconstriction, inflammation, rejection, pulmonary disease or condition, emphysema, chronic obstructive pulmonary disease syndrome (C Fragments and antisense oligonucleotides used in the exemplification of the present invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Low adenosine (A) content antisense oligonucleotides which do not trigger adenosine receptors during metabolism, useful e.g. for treating cancers
                    respiratory obstruction; pulmonary obstruction; impeded respiration; surfactant hypoproduction; pulmonary vasoconstriction; asthma; RDS; respiratory distress syndrome; pain; cystic fibrosis; allergic rhinitis; pulmonary hypertension; emphysema; pulmonary transplantation rejection; chronic obstructive pulmonary disease; pulmonary infection; bronchitis;
  cytostatic;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         43.8%; Score 7; DB 1; Les 100.0%; Pred. No. 3.4e+02; Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Claim 14; Page 120; 1592pp; English.
                                                                                                                                                                                                                                                                                                   24-MAR-2000; 2000WO-US008020.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     and respiratory obstructions.
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                                                                                                                                                                                                                                                                                                                                                                                                          (NYCE/) NYCE J W.
                                                                                                                                                                                                            WO200062736-A2
                                                                                                                                                                      Homo sapiens.
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                                                                                                                             cancer; 88.
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RESULT 593

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Human adenosine Al receptor polynucleotide fragment #910. AAF19343 standard; DNA; 10 BP. (first entry) 14-MAR-2001 AAF19343; AAF19343 

Low adenosine antisense oligonucleotide; phosphorothioate; allergy;

respiratory obstruction; pulmonary obstruction; impeded respiration; surfactant hypoproduction; pulmonary vasoconstriction; asthma; RDS; respiratory distress syndrome; pain; cystic fibrosis; allergic rhinitis; pulmonary hypertension; emphysema; pulmonary transplantation rejection; chronic obstructive pulmonary disease; pulmonary infection; bronchitis; human, airway disorder, bronchoconstriction, lung inflammation, surfactant depletion, respiratory, bronchodilator, antiinflammatory, immunosuppressive, antiasthmatic, analgesic, hypotensive, cytostatic, cancer; ss.

Homo sapiens.

WO200062736-A2.

26-OCT-2000

24-MAR-2000; 2000WO-US008020.

99US-0127958P 06-APR-1999;

UYEC-) UNIV EAST CAROLINA.

(NYCE/) NYCE J W.

Nyce JW;

WPI; 2000-679539/66.

Low adenosine (A) content antisense oligonuclectides which do not trigger adenosine receptors during metabolism, useful e.g. for treating cancers and respiratory obstructions.

Claim 14; Page 120; 1592pp; English.

The present invention describes low adenosine (A) content antisense oligonucleotides and compositions (I) comprising them. In the antisense coligonucleotides the A is replaced by a 'Universal' or alternative base. (I) can have respiratory, bronchodilator, antiinflammatory, analgesic, immunosuppressive, antiasthmatic, hypotensive and cytostatic activities. The antisense oligonucleotides and (I) can be used to down-regulate the expression and or activity of target polypeptides associated with cartivating peptide factors and malignancies, such as stimulating and activating peptide factors and transmitters, transcription factors, immunoglobulins and antibodies, antibody receptors, cytokines and chemokines, endogenously produced specific and non-specific enzymes, committers, adhosion molecules and their receptors, cytokine and chemokine receptors, adenosine receptors, branding proteins, adenosine receptors, branding proteins, adenosine receptors, branding proteins, adenosine receptors, branding proteins and maliagnancy associated proteins. The antisense oligonucleotides may be used in this way to treat disorders antisense oligonucleotides may be used in this way to treat disorders including proteins and maliagnancy associated proteins. The antisense oligonucleotides may be used in this way to treat disorders and condition selected from pulmonary vasociated with a disease or condition selected from pulmonary vasociated with a disease or condition selected from pulmonary vasociated with a disease or condition selected from pulmonary vasociation, allargic syndrome (RDS), pain, cyptic fibrosis (CP), allergic rhinitis (AR), pulmonary informic obstructive pulmonary disease (RDS), pain, cyptic fibrosis (CP), allergic rhinitis (AR), pulmonary informic obstructive pulmonary informic paration and malaration and malarati pulmonary transplantation rejection, pulmonary infections, bronchitis, and/or cancer. AAF18434 to AAF21543 represent human polynucleotide fragments and antisense oligonucleotides used in the exemplification of the present invention

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                                                      0; Indels
                          43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
Sequence 10 BP; 1 A; 3 C; 5 G; 1 T; 0 U; 0 Other;
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                                         Sest Local Similarity
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AAF19352 standard; DNA; 10 BP. AAF1935;

AAF19352;

(first entry) 14-MAR-2001 Human adenosine Al receptor polynucleotide fragment #919.

Low adenosine antisense oligonucleotide; phosphorothioate; allergy; human; airway disorder; bronchoconstriction; lung inflammation; surfactant depletion; respiratory; bronchodilator; antiinflammatory; immunosuppressive; antiathmatic; analgesic; hypotensive; cytostatic; respiratory obstruction; pulmonary obstruction; impeded respiration; surfactant hypoproduction; pulmonary vasoconstriction; asthma; RDS; respiratory distress syndrome; pain; cystic fibrosis; allergic rhinitis; pulmonary hypertension; emphysema; pulmonary transplantation rejection; chronic obstructive pulmonary disease; pulmonary infection; bronchitis; cancer; ss.

Homo sapiens.

WO200062736-A2.

26-OCT-2000.

24-MAR-2000; 2000WO-US008020.

99US-0127958P. 06-APR-1999;

(UYEC-) UNIV EAST CAROLINA. (NYCE/) NYCE J W.

Nyce JW;

WPI; 2000-679539/66.

Low adenosine (A) content antisense oligonucleotides which do not trigger adenosine receptors during metabolism, useful e.g. for treating cancers and respiratory obstructions.

Claim 14; Page 120; 1592pp; English.

oligonucleotides and compositions (1) comprising them. In the antisense oligonucleotides the A is replaced by a 'Universal' or alternative base. (1) can have respiratory, bronchodiator, antinflammatory, analgesic, immunosuppressive, antiathmatic, hypotensive and cytostatic activities. The antisense oligonucleotides and (1) can be used to down-regulate the expression and or activity of target polypeptides associated with lung/respiratory disorders and malignancies, such as stimulating and activating peptide factors and transmitters, transcription factors, chemokines, endogenously produced specific and non-specific enzymes, binding proteins, adhesion molecules and their receptors, cytokine and chemokine receptors, adenosine receptors, bradykinin receptors, central nervous system (CNS) and peripheral nervous and non-nervous system receptors, CNS and peripheral nervous and non-nervous system peptide transmitters, defensins, growth factors, vasoactive peptides and receptors, binding proteins and malignancy associated proteins. The antisense oligonucleotides may be used in this way to treat disorders The present invention describes low adenosine (A) content antisense

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including respiratory obstruction (especially pulmonary obstruction and/or bronchoconstriction) and/or lung inflammation, allergy(ies) and/or surfactant hypoproduction which are associated with a disease or condition selected from pulmonary vasoconstriction, inflammation, allergies, asthma, impeded respiration, respiratory distress syndrome (RDS), pain, cystic fibrosis (CF), allergic rhinitis (AR), pulmonary hypertension, emphysema, chronic obstructive pulmonary disease (COPD), pulmonary transplantation rejection, pulmonary infections, bronchitis, and/or cancer. AAF18434 to AAF21543 represent human polynucleotide fragments and antisense oligonucleotides used in the exemplification of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Low adenosine (A) content antisense oligonucleotides which do not trigger adenosine receptors during metabolism, useful e.g. for treating cancers and respiratory obstructions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Low adenosine antisense oligonucleotide; phosphorothioate; allergy; human; airway disorder; bronchoconstriction; lung inflammation; surfactant depletion; respiratory; bronchodilator; antinflammatory; immunosuppressive; antiasthmatic; analgesic; hypotensive; cytostatic; respiratory obstruction; pulmonary obstruction; impeded respiration; respiratory distress syndrome; pain; cystic fibrosis; allergic rhinitis; pulmonary hypertension; emphysema; pain; cystic fibrosis; allergic rhinitis; pulmonary hypertension; emphysema; pulmonary transplantation rejection; chronic obstructive pulmonary disease; pulmonary infection; bronchitis;
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                                                                                                                                                                                                                                                                                                                                        0; Gaps
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Best Local Similarity 100...
7; Conservative
                                                                                                                                                                                                               the present invention
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lungivespizatory disorders and malgarancies, such as stimulating and activating peptide factors and transmitters, transcription factors, immunoglobulina and antibodies, antibody receptors, cytokines and chemokines, endogenously produced specific and non-specific enzymes, immunoglobulina and antibodies, antibody receptors, cytokines and chemokines, endogenously produced specific and non-specific enzymes, binding proteins, adenosine receptors, bracklyinin receptors, central nervous system (CNS) and peripheral nervous and non-nervous system receptors, CNS and peripheral nervous and non-nervous system receptors, chemokines, growth factors, vasoactive peptides and receptors, binding proteins and malignancy associated proteins. The antisense oligonucleotides may be used in this way to treat disorders including respiratory obstruction (especially pulmonary obstruction) and/or lung inflammation, allergy (ies) and/or surfactant hypoproduction which are associated with a disease or condition selected from pulmonary vasoconstriction, inflammation, allergies, asthma, impeded respiration, respiratory distress syndrome (RDS), pain, cystic fibrosis (CP), allergic rhinitis (AR), pulmonary cancer. AAPR18434 to AAPR2154) represent human polynucleotide and/or engents and antisense oligonucleotides used in the exemplification of
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Low adenosine antisense oligonucleotide, phosphorothioate, allergy, human, airway disorder, bronchoconstriction, lung inflammation, surfactant depletion, respiratory, bronchodilator, antiinflammatory, immunosuppressive, antiasthmatic, analgesic, hypotensive, cytostatic,
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Matches 7; Conservative
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The present invention describes low adenosine (A) content antisense oligonucleotides and compositions (I) comprising them. In the antisense coligonucleotides the A is replaced by a 'Universal' or alternative base. (C) is an above respiratory, bronchodilator, antiniflammatory, analgesic, immunosuppressive, antiasthmatic, hypotensive and cytostatic activities. The antisense oligonucleotides and (I) can be used to down-regulate the expression and or activity of target polypeptides associated with carporatory disorders and malignancies, such as stimulating and activating peptide factors and transmitters, transcription factors, immunoglobulins and antibodies, antibody receptors, cytokines and chemokines, endogenously produced specific and non-specific enzymes, binding proteins, adhesion molecules and their receptors, cytokine and cereptors, adenosine receptors, bradykinin receptors, central nervous system (CNS) and peripheral nervous and non-nervous system peptide (ransmitters, defensins, growth factors, vasoactive peptides and receptors, binding proteins and malignancy associated proteins. The antisense oligonucleotides may be used in this way to treat disorders including respiratory obstruction (especially pulmonary obstruction and/or bronchoconstriction) and/or lung inflammation, allergy(ies) and/or surfactant hypoproduction which are associated with a disease or condition selected from pulmonary vasoconstriction, inflammation, cystic fibrosis (CR), allergia (CR), pain, cystic fibrosis (CR), allergia (AR) and malignancy associated with a disease or allergiae, asthmatine, septime, allergy in the malignancy or allergy in pulmonary vasoconstriction, inflammation, cystic fibrosis (CR), pain, cystic fibrosis (CR), allergia (AR) and parietic fibrosis (CR), allergia (AR) and parietic fibrosis (CR) and allergian an
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Low adenosine (A) content antisense oligonucleotides which do not trigger adenosine receptors during metabolism, useful e.g. for treating cancers and respiratory obstructions.
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                                                                                                                Claim 14; Page 119; 1592pp; English
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Matches 7; Conservative
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                                                                                                                                                                                                                                   Nucleic acids encoding TANGO polypeptides are useful as modulating agents for regulating cellular processes like asthma, graft versus-host diseases, rheumatoid arthritis, poriasis; inflammatory bowel disease, septic shock, ulcerative colitis, Crohn's disease, chronic myelogenous leukemia, cancer, liver disease, Hodgkin's disease, osteoarthritis, Lyme's disease, cachexia and autoimmune diseases e.g. myasthemia gravis, autoimmune diabetes and systemic lupus erythematosus. The nucleic acids polypeptides themselves. Partial TANGO-128, 140, 197, 212, 213, 224, 239 sequences are useful in forensic biology, for diagnostic assays, prognostic assays, pharmacogenomics and for monitoring clinical trials. TANGO-129, pypeptides are suitable for both prophylactic and therapeutic methods for treating a subject at risk of a disorder or having a disorder assays, associated with aberrant TANGO expression. A wide range of cellular
                                                                                                                                            224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Primer, probe, affinity purification, cloning, biosynthetic pathway, hybridization screening, restriction endonuclease, universal, PCR, ss.
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                                                                                                                                        Novel nucleic acid sequences encoding TANGO-128, 140, 197, 212, 213, and 239 polypeptides useful for the treatment of asthma, rheumatoid arthritis, psoriasis and autoimmune diseases.
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                                                                                                                                                                                                          Disclosure; Page 20; 209pp; English.
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             98US-00223546
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                                             (MILL-) MILLENNIUM PHARM INC
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                                                                                                            WPI; 2000-465743/40.
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             30-DEC-1998;
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                                                                             Holtzman
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                                                                                                The invention relates to a set of novel primers and probes. The genes cloned are used in affinity purification of genes, and for cloning associated biosynthetic pathway genes. The gene probes/primers may be used in the discovery and characterization of bioactive compound coding sequences and gene clusters, as well as in the discovery of either single genes or entire clusters of adjacent genes involved in the total synthesis of compounds of interest, e.g. secondary metabolite biosynthetic pathways the products of which comprise very useful libraries for antibiotic and other therapeutic compound screening. The cloned genes are further useful for hybridization screening. The sequence represents a universal high frequency bacterial CDS decamer PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The invention relates to a set of novel primers and probes. The genes cloned are used in affinity purification of genes, and for cloning associated biosynthetic pathway genes. The gene probes/primers may be used in the discovery and characterization of bioactive compound coding sequences and gene clusters, as well as in the discovery of either single genes or entire clusters of adjacent genes involved in the total synthesis of compounds of interest, e.g. secondary metabolite biosynthetic pathways the products of which comprise very useful libraries for antibiotic and other therapeutic compound screening. The
  genes and gene clusters for affinity purification of genes or in cloning associated biosynthetic pathway genes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New primers and probes useful for targeted cloning and enrichment of genes and gene clusters for affinity purification of genes or in cloning associated biosynthetic pathway genes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Primer; probe; affinity purification; cloning; biosynthetic pathway; hybridization screening; restriction endonuclease; universal; PCR; ss
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                                                                                                                                                                                                                                                                                                                                                                          43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                     Sequence 10 BP; 0 A; 6 C; 4 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Universal high frequency bacterial PCR primer #4.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chaparian MG,
                                                           Disclosure; Page 26; 74pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Disclosure; Page 26; 74pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABN80673 standard; DNA; 10 BP.
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                                                                                                                                                                                                                                                                                                                                                                                                                7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         5 GGCGGC 11
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Matches 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                          Query Match
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The present sequence is that of an Egr-1 binding site that has the capability of conferring Egr-1 dependency upon a promocer. An Egr-1 binding site in found within the promoter (see AAF90451) of the human Egr-1 gene, and may be involved in autoregulation. Transcription factor Egr-1 is a potential regulator of over 30 genes and plays a role in growth, execular endothelium. The Egr-1 promoter, its variants, or any other consounder that is regulatable by Egr-1, can be used in an expression. Such compounds are used as medicaments or in drug development programs, particularly in the identification of drugs for wound healing (claimed). Conditions that may be treated include dermal ulcers arising from conditions that may be treated include dermal ulcers arising from conditions also be associated with e.g. cataracts, skin graft procedures, burns, psoriasis, and tissue engineering. Identified compounds may also be useful to reduce scarring during wound healing, restenosis following percutaneous trans-luminal coronary angioplasty, to modulate vessel wall calcification, treat cancer or other cell
cloned genes are further useful for hybridization screening. The sequence represents a universal high frequency bacterial CDS decamer PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Screening modulators of epidermal growth factor receptor-1 useful for wound healing, involves providing expression system that is regulated by Egr-1 and analyzing effect of compound on expression from system.
                                                                                                                                                                                                                                                                                                                                                                                                                                     Promoter; Egr-1; transcription factor; human; vulnerary; wound healing; dermatological; antiulcer; ds.
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                                                                                         DB 1; Length 10;
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                                                    Sequence 10 BP; 0 A; 6 C; 4 G; 0 T; 0 U; 0 Other;
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                                                                                                            3.46+02;
                                                                                        43.8%; Score 7; DB 1
100.0%; Pred. No. 3.4
ive 0; Mismatches
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Best Local Similarity luv...
7; Conservative
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                                                                                                                                                               5 GGCGGC 11
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WPI; 2001-367706/38
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                              Homo sapiens
                                                                                                       24-NOV-1999;
                                                                  31-MAY-2001
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                                                                                                                                                                                                   cell types.
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                                                                                                                                                                                                                                                                                                                                                    New isolated polynucleotides, useful for identifying specific cell type, such as cancer cell, comprises transcriptomes expressed in particular
                                                                                                                                                                      transcriptome, gene expression pattern, cancer, drug screening; diagnosis, cell specific gene expression, ss.
           Gaps
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                                                                                                                                                    Human ubiquitously expressed transcriptome sequence SEQ ID NO: 1120
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           Indels
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Pred. No. 3.4e+02;
77.8%; Pred. No. 3.4e+02; ive 1; Mismatches 1;
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100.0%; Pred. No. ...
0; Mismatches
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                                                                                             AAH64280 standard; cDNA; 10 BP.
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Best Local Similarity 100..
Best Local Similarity 77.8
Matches 7; Conservative
                            GCGGGCGGC 11
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                                                                                                                                                                      Human;
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The present invention describes a method of identifying the type of cell in a sample, involving determining which of the sequences AAH63161-AAH64724 is expressed by the cell. The transcriptomes described in the invention are cell-type specific, cancer specific or ubiquitouely expressed in humans. They can also be used to screen for drugs, reduce cancer specific agene expression, standardise expression and restore the function of a diseased cell or tissue. The present sequence is one of the transcriptomes described in the exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   isolated polynucleotides, useful for identifying specific cell type,
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Human; transcriptome; gene expression pattern; cancer; drug screening;
cancer diagnosis; cell specific gene expression; ss.
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Pred. No. 3.4e+02;
0; Mismatches 0; Indels
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100.0%; Pre
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Matches 7; Conservative
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DB 1; Length 10;

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AAH63527 standard; cDNA; 10 BP.
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                  Best Local Similarity 100.
Matches 7; Conservative
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1es 7; Conservative
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                                                         5 GGCGGC 11
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AAH63527/c
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                                                                                       The present invention describes a method of identifying the type of cell in a sample, involving determining which of the sequences AAH63161-AAH64724 is expressed by the cell. The transcriptomes described in the invention are cell-type specific, cancer specific or ubiquitously expressed in humans. They can also be used to screen for drugs, reduce cancer specific gene expression, standardise expression and restore the function of a diseased cell or tissue. The present sequence is one of the transcriptomes described in the exemplification of the invention
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            New isolated polynucleotides, useful for identifying specific cell type, such as cancer cell, comprises transcriptomes expressed in particular cell types.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         transcriptome; gene expression pattern; cancer; drug screening; diagnosis; cell specific gene expression; ss.
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                                                                Claim 13; Page 60; 94pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                              AAH64098 standard; cDNA; 10
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cancer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           isolated polynucleotides, useful for identifying specific cell type,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   transcriptome; gene expression pattern; cancer; drug screening; diagnosis; cell specific gene expression; ss.
                                                                      Gaps
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100.0%; Pred. No. 3.46+02;
ative 0; Mismatches 0; Indels
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43.8%; Score 7; DB 1; Le
100.0%; Pred. No. 3.4e+02;
ive 0; Mismatches 0;
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Bentivegna SC, Choi JY,
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                                                                                                                                                                                                                                                            The present invention describes a method of identifying the type of cell in a sample, involving determining which of the sequences AAH63161-AAH64724 is expressed by the cell. The transcriptomes described in the invention are cell-type specific, cancer specific or ubiquitously expressed in humans. They can also be used to screen for drugs, reduce cancer specific gene expression, standardise expression and restore the function of a diseased cell or tissue. The present sequence is one of the transcriptomes described in the exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human; haplotyping; glycoprotein Ib (platelet) alpha protein; GPIBA;
Bernard-Soulier syndrome; platelet-type von Willebrand disease; HIV;
Alzheimer's disease; polymorphism; human immunodeficiency virus; primer;
                                                                                                                                                                                                  New isolated polynucleotides, useful for identifying specific cell type, such as cancer cell, comprises transcriptomes expressed in particular cell types.
         Human; transcriptome; gene expression pattern; cancer; drug screening; cancer diagnosis; cell specific gene expression; ss.
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Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                      Sequence 10 BP; 0 A; 5 C; 3 G; 2 T; 0 U; 0 Other;
                                                                                                                                                             Kinzler KW;
                                                                                                                                                                                                                                           Claim 13; Page 47; 94pp; English.
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                                                                                                                                                             Vogelstein B,
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                                                                                                 21-NOV-2000; 2000WO-US031922.
                                                                                                                     99US-00448480
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                                       Homo sapiens
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The invention relates to methods for haplotyping glycoprotein Ib (platelet) alpha polypeptide (GPIBA) gene of an individual. The method involves determining if the individual has one of the GPIBA haplotypes or haplotype pairs. The methods of the invention are useful for disease diagnosis and in the discovery and development of drugs for treating diseases associated with GPIBA activity e.g. Bernard-Soulier syndrome, platelet type von Willebrand disease, HIV and Alzheimer's disease. The present sequence is a primer used for detecting human GPIBA gene
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                                                                                                                                                            gene are
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                                                                                                                                                New haplotypes of the glycoprotein Ib platelet alpha polypeptide geruseful for diagnosis and drug discovery for treating Bernard Soulier syndrome, platelet-type von Willebrand disease, HIV and Alzheimer's
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Parks KE;
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Kliem SE,
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                                                                                                                                                                                                                                                                                                                                                Claim 18; Page 14; 66pp; English
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Best Local Similarity 100.
Matches 7; Conservative
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Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.
                                                                                                                                                                                                               Yeast, Saccharomyces cerevisiae, characterisation, cell cycle, NORF, nor previously assigned open reading frame, nonannotated ORF, SAGE, serial analysis of gene expression, antifungal, tag, identification,
                                                                                                                                                    Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:922.
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an LPS activated human monocyte expression gene cDNA sequence encoding AAB98009, which are given in the exemplification of the present invention
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                                                                                                Sequence 10 BP; 0 A; 5 C; 3 G; 2 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 08-JUL-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     21-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAH32889;
                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                        Best Loca
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 609
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99US-00335032.

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The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame, or nonannotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, S phase and G2/M; (2) a method (M2) for screening candidate cantitungal drugs comprising: (a) contacting a test substance which sets substance which a yeast cell; and (b) monitoring expression of a NORF gene whose expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression of identifying human genes which are involved in cell cycle progression contiguous nucleotides of a NORF gene whose expression varies as in M1; and (4) a method (M4) for identifying a candidate drug as a member of a class of drugs having a characteristic effect on gene expression in a yeast cell with a candidate drug and contitoring expression in the yeast cell with a candidate drug and contitoring expression in the yeast cell of at least 1 NORF gene whose expression is affected by the class of the cell cycle, the differentially cexpression is affected by the class of the cell cycle, the differentially cexpression is affected by the class of the cell cycle, the differentially cycle sused to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. The NORF genes may be used to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. The NORF genes in the exemplification of the present invention cycle and for identify and the exemplification of the present invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10 BP; 1 A; 4 C; 3 G; 2 T; 0 U; 0 Other;
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RESULT 611

AAF34183 standard; DNA; 10 BP.

RESULT 610 AAF34183/c ID AAF3411 XX

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Gaps

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Best Local Similarity 100. Matches 7; Conservative

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The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonannotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, S phase and G2/M; (2) a method (M2) for screening candidate artifungal drugs comprising expression of a NORF gene whose expression of cell; and (b) monitoring expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human DNA with a probe which comprises at least 10 contiguous nucleotides of a NORF gene whose expression varies as in M1; and (b) must gene whose expression varies as in M3; and (4) a method (M4) for identifying a candidate drug as a member of a class of drugs having a characteristic effect on gene expression in a cyeast cell comprising contexting a yeast cell with a candidate drug and contexting a characteristic effect on gene expression in a cyeast cell of at least 1 NORF genes may be used as markers of phases of the cell cycle. The expressed genes may be used as markers of phases of the cell cycle, the differentially cycle and for identification of antifungal drugs. April 2056 to AAF44064 represent SAGE tags used in the expression in the expression of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.
                                                                                                                                                                                         Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SAGE; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds.
                                                                                                                                                     Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:9119.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 method, in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10 BP; 2 A; 4 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kinzler K;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example; Page 325; 419pp; English.
                        BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Vogelstein B,
                                                                                                                                                                                                                                                                                                                                                                                                                                   14-JUN-2000; 2000WO-US016223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              99US-00335032
                        AAF42380 standard; DNA; 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (UYJO ) UNIV JOHNS HOPKINS.
                                                                                                           (first entry)
                                                                                                                                                                                                                                                                                                        Saccharomyces cerevisiae.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2001-061874/07.
                                                                                                                                                                                                                                                                                                                                              WO200077214-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Velculescu V,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16-JUN-1999;
                                                                                                           23-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                           21-DEC-2000.
                                                                AAF42380;
AAF42380/c
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Example; Page 52; 419pp; English.

.; 0 Gaps ; 0 Query Match
43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 10 GCATCGT 16 ò

10 GCATCGT 4

Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle. Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SAGB; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds. Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:1475. Kinzler K; AAF34736 standard; DNA; 10 BP 14-JUN-2000; 2000WO-US016223. 99US-00335032. Velculescu V, Vogelstein B, (UYJO ) UNIV JOHNS HOPKINS. (first entry) Saccharomyces cerevisiae. WPI; 2001-061874/07. WO200077214-A2. 23-MAR-2001 16-JUN-1999; 21-DEC-2000. AAF34736; **AAF3473**6 

The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previoually assigned open reading frame; or nonamotated ORF) genes comprising a SAGB (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log to antifungal drugs comprising: (a) contacting a test substance with a yeast cell; and (b) monitoring expression of a NORF gene whose expression of varies as in M1, where a test substance which modifies the expression of cell; and (b) monitoring expression of a NORF gene whose expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression of comprising contacting human DNA with a probe which comprises at least 10 contiguous nucleotides of a NORF gene whose expression in a method (M4) for identifying a candidate drug as a member of a class of drugs having a characteristic effect on gene expression in a contiduct of a contiguous nucleotides of a NORF gene whose expression is affected by the class of the cell cycle, the differentially cexpression is affected by the class of the cell cycle, the differentially cexpression is affected by the class of the cell cycle, the differentially cexpressed genes may be used to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. The NORF gene may be used to identification of the present invention.

Ceptersed to AAF33267 represent linkers and PCR primers used in the exemplification of the present invention.

Gaps ; 0 Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 7; Conservative 0; Mismatches 0; Indels Sequence 10 BP; 2 A; 3 C; 2 G; 3 T; 0 U; 0 Other;

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Kinzler K;
                                                                                                                                                             Claim 1; Page 392; 419pp; English.
                           AAF33729 standard; DNA; 10 BP.
                                                                                                     14-JUN-2000; 2000WO-US016223
                                                                                                                             Vogelstein B,
                                                                                                             99US-00335032
                                                                                                                    (UYJO ) UNIV JOHNS HOPKINS.
                                           (first entry)
                                                                              Saccharomyces cerevisiae
                                                                                                                                     WPI; 2001-061874/07.
       1 GCATCGT 7
                                                                                      WO200077214-A2.
                                                                                                                             Velculescu V,
                                                                                                             16-JUN-1999;
                                          23-MAR-2001
                                                                                              21-DEC-2000,
                                   AAF33729;
                   RESULT 613
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Best Local Similarity
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                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previounly assigned open reading frame; nonamnotated ORF; SAGE; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:468.
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GCATCGT 16
10
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43.8%; Score 7; DB 1; Length 10;

Query Match

The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonaminotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at ceat 10% between any two phases of the cell cycle selected from log phase, S phase and G2/M; (2) a method (M2) for screening candidate cell; and (b) monitoring expression of a NORF gene whose expression of cell; and (b) monitoring expression of a NORF gene whose expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression of comprising contacting human DNA with a probe which comprises at lm M; and (4) a method (M4) for identifying a candidate drug as a member of a class of drugs having a characteristic effect on gene expression in a contiguation in the yeast cell with a candidate drug and contacting expression in the yeast cell with a candidate drug and conting expression in the yeast cell of at least 1 NORF genes may be used to structuring expression in the yeast cell of at least 1 Cycle, the differentially expression is affected by the class of the cell cycle, the differentially contacting expression in the yeast cell of at least 1 Cycle, the differentially expressed genes may be used as markers of phases of the cell cycle and for identification of antifungal drugs, TAR13262 to AAR44064

Cycle and for identification of antifungal drugs, the differentially cycle expressed to identification of antifungal drugs.

Cycle and for identification of antifungal drugs which affect the cell cycle and for identification of antifungal drugs.

Cycle and for identification of antifungal drugs which affect the exemplification of the present invention. ö Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle. Gaps Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SAGE; sactial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds. ö Indels Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:1948. ö 100.0%; Pred. No. 3.4e+02; 0; Mismatches Kinzler K, Example; Page 69; 419pp; English AAF35209 standard; DNA; 10 BP. Velculescu V, Vogelstein B, 14-JUN-2000; 2000WO-US016223. UYJO ) UNIV JOHNS HOPKINS. 23-MAR-2001 (first entry) 7; Conservative Saccharomyces cerevisiae. WPI; 2001-061874/07. CGCCATC 14 CGGCATC 1 WO200077214-A2. 16-JUN-1999; 21-DEC-2000. 

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                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SAGE; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds.
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                                                                                      0; Indels
                                       43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                         Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:3828.
BP; 3 A; 3 C; 2 G; 2 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kinzler K;
                                         43.8%; Score 7; 1
100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Example; Page 136; 419pp; English.
                                                                                                                                                                                                                                                                                         AAF37089 standard; DNA; 10 BP.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14-JUN-2000; 2000WO-US016223
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                                                                                                                                                                                                                                                                                                                                                                                (first entry)
                                                              Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Saccharomyces cerevisiae.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPI; 2001-061874/07.
                                                                                                                                7 GCGGCAT 13
                                                                                                                                                                10 GCGGCAT 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16-JUN-1999;
Sequence 10
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                                                                                                                                                                                                                                                                                                                                   AAF37089;
                                         Query Match
                                                                                                                                                                                                                                             RESULT 615
AAF37089/c
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The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonamocated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, S phase and G2/M; (2) a method (M2) for screening candidate antifungal drugs comprising: (a) contacting a test substance with a yeast cell; and (b) monitoring expression of a NORF gene whose expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression comprising contacting human DNA with a probe which comprises at least 10 contiguous nucleotides of a NORF gene whose expression varies as in M1; and (4) a method (M4) for identifying a candidate drug as a member of a NORF gene whose expression varies as in M1; and (4) a method (M4) for identifying a candidate drug as a member of a
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AAF33262 to AAF33267 represent linkers and PCR primers used in the SAGE method, in the exemplification of the present invention
                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nor previously assigned open reading frame; nonannotated ORF; SAGE; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds.
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                                                                                                                                                                                             43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:8668.
                                                                                                                 Sequence 10 BP; 5 A; 2 C; 2 G; 1 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAF41929 standard; DNA; 10 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14-JUN-2000; 2000WO-US016223.
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                                                                                                                                                                                                                                                                                      7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                  10 GCATCGT 16
                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                              GCATCGT 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                              7
                                                                                                                                                                                                                                                                                      Matches
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The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonannotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, S phase and G2/M; (2) a method (M2) for screening candidate antifungal drugs comprising: (a) contacting a test substance with a yeast cell; and (b) monitoring expression of a NORF gene whose expression of varies as in M1, where a test substance which modifies the expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression comprising contacting human blnA with a probe which comprises at least 10 contiguous nucleotides of a NORF gene whose expression varies as in M1, and (A) a method (M4) for identifying a candidate drug as a member of a clars of drugs having a characteristic effect on gene expression in a class of drugs having a characteristic effect on gene expression in a characteristic effect on gene expression in a characteristic cell of at least 1 NORF gene whose
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methods may be used to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. AAF33268 to AAF44064 represent SAGE tags used in the exemplification of the present invention. AAF33262 to AAF33267 represent linkers and PCR primers used in the SAGE method, in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Yeast gene coding sequences comprising NORP genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.
                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Yeast, Saccharomyces cerevisiae, characterisation, cell cycle, NORF, nor previously assigned open reading frame, nonannotated ORF, SAGE, serial analysis of gene expression, antifungal, tag, identification,
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:11309.
                                                                                                                                                                                                         0; Indels
                                                                                                                                                                     Length 10;
                                                                                                                        Sequence 10 BP; 4 A; 2 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                            43.8%; Score 7; DB 1; Le:
100.0%; Pred. No. 3.4e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kinzler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example; Page 353; 419pp; English.
                                                                                                                                                                                                                                                                                                                                                                                         AAF43170 standard; DNA; 10 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Vogelstein B,
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                                                                                                                                           Query Match
Best Local Similarity 100...
7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linker; PCR primer; ds.
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                                                                                                                                                                                                                                             10 GCATCGT 16
                                                                                                                                                                                                                                                                    GCATCGT 2
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The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned oppen reading frame; or nonannotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, S phase and G3/M; (2) a method (M2) for screening candidate antifungal drugs comprising: (a) contacting a test substance with a yeast cell; and (b) monitoring expression of a NORF gene whose expression of the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression comprising contacting human DNA with a probe which comprises at least 10 contiguous mucleotides of a NORF gene whose expression varies as in M1; and (4) a method (M4) for identifying a candidate drug as a member of a
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expression is affected by the class of drugs. The NORF genes may be used to study, monitor and affect phases of the cell cycle, the differentially expressed genes may be used as markers of phases of the cell cycle. The methods may be used to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. AAF33268 to AAF44064 represent SAGE tags used in the exemplification of the present invention. AAF33262 to AAF33267 represent linkers and PCR primers used in the SAGE method, in the exemplification of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.
                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nor previously assigned open reading frame; nonannotated ORF; SAGE, serial analysis of gene expression; antifungal; tag; identification;
                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                               DB 1; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:6805.
                                                                                                                                                                                     Sequence 10 BP; 0 A; 5 C; 2 G; 3 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                    3.4e+02;
                                                                                                                                                                                                                                           100.0%; Pred.
                                                                                                                                                                                                                             43.8%; Score 7; D
100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example; Page 243; 419pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAF40066 standard; DNA; 10 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            14-JUN-2000; 2000WO-US016223.
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                                                                                                                                                                                                                                                                       7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linker; PCR primer; ds.
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                                                                                                                                                                                                                                                                                                          6 GGCGGCA 12
                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                GGCGGCA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAF40066;
                                                                                                                                                                                                                             Query Match
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class of drugs having a characteristic effect on gene expression in a yeast cell comprising contacting a yeast cell of at least 1 NORF gene whose expression in the yeast cell of at least 1 NORF gene whose expression is affected by the class of drugs. The NORF genes may be used to study, monitor and affect phases of the cell cycle, the differentially expressed genes may be used as markers of fpases of the cell cycle. The methods may be used to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. AAF33268 to AAF44064 represent inhers and PCR primers used in the SAGE method, in the exemplification of the present invention. 8866666666668888

Sequence 10 BP; 1 A; 6 C; 2 G; 1 T; 0 U; 0 Other;

; 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels Query Match Best Local Similarity luv... 7; Conservative 5 GGCGGC 11 10 GGCCGC 4 ઠે 엄

AAF34402 standard; DNA; 10 BP. (first entry) 23-MAR-2001 AAF34402; RESULT 619 

Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SACB; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds. Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:1141.

Saccharomyces cerevisiae.

WO200077214-A2.

21-DEC-2000.

14-JUN-2000; 2000WO-US016223

99US-00335032 16-JUN-1999;

(UYJO ) UNIV JOHNS HOPKINS.

Kinzler K; Vogelstein B, Velculescu V,

WPI; 2001-061874/07.

Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.

Example; Page 40; 419pp; English

The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonannotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, S phase and G2/M; (2) a method (M2) for screening candidate antifungal drugs comprising: (a) contacting a test substance with a yeast earl; and (b) monitoring expression of a NORF gene whose expression varies as in M1, where a test substance which modifies the expression the yeast gene is a candidate antifungal drug; (3) a method (M3) for identifying human genes which are involved in cell cycle progression

comprising contacting human DNA with a probe which comprises at least 10 contiguous nucleotides of a NORF gene whose expression varies as in M1; and (4) a method (M4) for identifying a candidate drug as a member of a class of drugs having a characteristic effect on gene expression in a pyeast cell comprising contacting a yeast cell with a candidate drug and monitoring expression in the yeast cell of at least 1 NORF gene whose expression is affected by the class of drugs. The NORF genes may be used to study, monitor and affect phases of the cell cycle, the differentially expressed genes may be used as markers of phases of the cell cycle. The methods may be used to identify candidate drugs which affect the cell cycle and for identification of antifungal drugs. AAF33268 to AAF44664 represent Linkers and PCR primers used in the SAGE method, in the exemplification of the present invention.

Sequence 10 BP; 4 A; 2 C; 3 G; 1 T; 0 U; 0 Other;

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Gaps

Gaps ö 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels 7; Conservative Local Similarity Query Match Matches

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8 CGCCATC 14

δ 셤 AAF39330 standard; DNA; 10 BP.

RESULT 62 AAF39330/

AAF39330;

23-MAR-2001 (first entry)

Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SAGE; serial analysis of gene expression; antifungal; tag; identification; Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:6069.

Saccharomyces cerevisiae.

linker; PCR primer; ds.

WO200077214-A2.

21-DEC-2000. 

14-JUN-2000; 2000WO-US016223

99US-00335032. 16-JUN-1999;

SNINGO UNIV ( OLYU)

Kinzler K; Velculescu V, Vogelstein B,

WPI; 2001-061874/07.

Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.

Example, Page 216, 419pp, English.

The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonaunotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log phase, 5 phase and G2/M; (2) a method (M2) for screening candidate antifungal drugs comprising: (a) contacting a test substance with a yeast cell; and (b) monitoring expression of a NORF gene whose expression

the yeast gene is a candidate antifungal drug; (3) a method (M3) for the yeast gene is a candidate antifungal drug; (3) a method (M3) for dentifying human genes which are involved in cell cycle progression comprising contacting human DNA with a probe which comprises at least 10 contiguous nucleotides of a NORF gene whose expression varies as in M1; and (4) a method (M4) for identifying a candidate drug as a member of a class of drugs having a characteristic effect on gene expression in a cyeast cell comprising contacting a yeast cell with a candidate drug and contacting a yeast cell with a candidate drug and monitoring expression in the yeast cell of at least 1 NORF gene whose compression is affected by the class of drugs. The NORF gene whose control of a study, monitor and affect phases of the cell cycle, the differentially expressed genes may be used as markers of phases of the cell cycle. The cycle and for identification of antifungal drugs which affect the cell cycle and for identification of antifungal drugs which affect the cell cycle and for identification of antifungal drugs. APR33268 to AAF43367 represent linkers and PCR primers used in the SAGE method, in the exemplification of the present invention. 

Sequence 10 BP; 2 A; 2 C; 2 G; 4 T; 0 U; 0 Other;

0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; Live 0; Mismatches 0; Indels Local Similarity 100. 10 GCATCGT 16 Query Match Best Loca Matches ઠે 셤

AAF40942 standard; DNA; 10 BP AAF40942;

23-MAR-2001 (first entry)

Yeast NORF gene SAGE tag oligonucleotide SEQ ID NO:7681.

Yeast; Saccharomyces cerevisiae; characterisation; cell cycle; NORF; nor previously assigned open reading frame; nonannotated ORF; SAGE; serial analysis of gene expression; antifungal; tag; identification; linker; PCR primer; ds.

Saccharomyces cerevisiae

WO200077214-A2.

21-DEC-2000

14-JUN-2000; 2000WO-US016223

99US-00335032 16-JUN-1999;

SNINGO UNIV JOHNS HOPKINS

Vogelstein B, Velculescu V,

Kinzler K;

WPI; 2001-061874/07.

Yeast gene coding sequences comprising NORF genes with serial analysis of gene expression (SAGE) tags, useful for studying, monitoring and affecting phases of the cell cycle.

Example; Page 274; 419pp; English.

The present invention describes an isolated DNA molecule comprising a coding sequence of a yeast gene selected from a group of 745 NORF (not previously assigned open reading frame; or nonannotated ORF) genes comprising a SAGE (serial analysis of gene expression) tag. Also described are: (1) a method (M1) of using NORF genes to affect the cell cycle comprising administering a NORF gene whose expression varies by at least 10% between any two phases of the cell cycle selected from log 

cc phase, S phase and G2/M; (2) a method (M2) for screening candidate
antifungal drugs comprising: (a) contacting a test substance with a yeast
CC cell; and (b) monitoring expression of a NORF gene whose expression
C varies as in M1, where a test substance which modifies the expression of
the yeast gene is a candidate antifungal drug; (3) a method (M3) for
CC they yeast gene is a candidate antifungal drug; (3) a method (M3) for
CC destriction puman DNA with a probe which comprises at least 10
CC contiguous nucleotides of a NORP gene whose expression varies as in M1;
and (4) a method (M4) for identifying a candidate drug as a member of a
CC class of drugs having a characteristic effect on gene expression in a
CY passt cell comprising contacting a yeast cell with a candidate drug and
CC monitoring expression in the yeast cell of at least 1 NORF gene whose
CC expression is affected by the class of drugs. The NORF genes may be used
CC to study, monitor and affect phases of the cell cycle. The
CC study may be used to identify candidate drugs which affect the cell
CC methods may be used in the exemplification of the present invention.
CC AAF33262 to AAF43267 represent linkers and PCR primers used in the SAGE
CC method, in the exemplification of the present invention.
CC method, in the exemplification of the present invention.
CC method. %\$

Sequence 10 BP; 0 A; 7 C; 2 G; 1 T; 0 U; 0 Other;

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Gaps ö 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels Local Similarity 100. Query Match

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RESULT 622 AAS99952

AAS99952 standard; DNA; 10 BP.

AAS99952;

(first entry) 12-MAR-2002 Even-skipped homeobox 1 (EVX1) gene allele-specific oligonucleotide #29.

Even-skipped homeo box 1; EVX1; neurological disease; drug screening; haplotyping; single nucleotide polymorphism; SNP; human; ss; allele-specific oligonucleotide.

Homo sapiens

WO200190120-A2.

29-NOV-2001.

21-MAY-2001; 2001WO-US016559.

19-MAY-2000; 2000US-0205437P.

(GENA-) GENAISSANCE PHARM INC.

Duda A, Kliem SE, Kumar AM;

WPI; 2002-089913/12.

Novel genetic variants of even-skipped homeo box 1, EVX1 gene useful for therapeutic purposes and for expressing EVX1 protein useful in identifying drugs to treat neurological diseases.

Claim 18; Page 13; 69pp; English.

nucleotide sequence which is a polymorphic variant of a reference agequence for the even-skipped homeo box I (homologue of Drosophila) (EVX1) gene or its fragment, or a polymorphic variant of a reference sequence for a EVX1 cDNA or its fragment. EVX1 polypeptide (II) is useful The invention relates to an isolated polynucleotide (I), comprising a

CC for screening for drugs targeting the polypeptide, by contacting the EVX1 polymorphic variant with a candidate agent and assaying for binding a activity. A method is described for identifying an association between a trait such as a clinical response to a drug targeting EVX1 and a clinical response to a drug targeting EVX1 and a complexity. The methods are useful in developing diagnostic tests and therapeutic treatments for neurological diseases. (1) is useful for studying the expression and function of EVX1 and expressing EVX1 protein for use in screening for candidate drugs to treat diseases related to EVX1 activity. The polymorphism and haplotype care diseases related to EVX1 activity. The polymorphism and haplotype data are useful for validating whether EVX1 is a useful for reducing bias in clinical trials of such drugs. (1) is useful for reducing bias in clinical trials of such drugs. (1) is useful for the haplotype pairs. Establishing the EVX1 haplotype pair of an individual is useful for such papertype or haplotype pair of an individual is useful for studying efficiency and reliability of several steps in the discovery and efficiency and reliability of several steps in the discovery and cefficiency and reliability of several steps in the discovery and cefficiency of the EVX1 as a candidate target for treating diseases associated with EVX1 activity. (1) is useful for studying expression of the EVX1 isogenes in vivo, for in vivo screening and teating the EVX1 protein and for testing the efficacy of therapeutic agents and compounds for neurological diseases in a condigate target for treating a specific condition or disease therapeutic and prognostic formats and therapeutic methods, for immunoprecipitating and prognostic formats and therapeutic methods, for immunoprecipitating cand prognostic formats and therapeutic etchniques. ASS99924-AAS99958 invention ö Human; period (Drosophila) homologue 1; PER1; polymorphic variant; polymorphic site; genotyping; haplotyping; circadian rhythm regulation; single nucleotide polymorphism; SNP; gene; primer; ss. Gaps ; Human PER1 preferred oligonucleotide primer SEQ ID NO:93. 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other; ABL52168 standard; DNA; 10 BP. (GENA-) GENAISSANCE PHARM INC. 13-SEP-2001; 2001WO-US028780 13-SEP-2000; 2000US-0232468P 'n 12-JUL-2002 (first entry) Koshy Best Local Similarity 100. Matches 7; Conservative WPI; 2002-393941/42 Kliem SE, 1 GCGGGCG 7 3 GCGGGCG 9 WO200222650-A2 Homo sapiens. 21-MAR-2002 ABL52168; Query Match Duda A, ABL52168/ XX ABL5 XX ABL5 XX ABL5 XX ABL5 XX BL9 \$ ઠે 셤

The present invention describes an isolated human period (Drosophila)

boundlogue 1, (PER1) polynucleotide (1) comprising a sequence which is a

conjunctive variant for a reference sequence (ABL52077) for the PER1 gene

or its fragment, or a polymorphic variant of a reference sequence

(ABL52078) for a PER1 CDNA or its fragment. The present invention also

describes methods for genotyping and haplotyping the PER1 gene of an

individual. (1) is useful in studying the expression and function of

PER1, and in expressing PER1 protein for use in screening for candidate

crugs to treat diseases related to PER1 activity. (1) is useful for

therapeutic purposes. A recombinant non-human organism transformed or

transfected with (1) can be used for studying expression of the PER1

isogenes in vivo, for in vivo screening and testing of drugs targeted

against PER1 protein, and for testing the efficacy of therapeutic agents

and compounds for discorders associated with circadian rhythm regulation.

The present sequence represents a preferred oligonucleotide primer for

human PER1, which is used in the exemplification of the present invention ö Novel isolated human period Drosophila homolog 1 polynucleotide, useful for therapeutic purposes, for studying the expression and function of the polynucleotide, and for expressing the homolog. Novel genetic variants of Solute Carrier Family 1 (Glutamate/Neutral Amino Acid Transporter), Member 4 isogenes, for improving efficiency and reliability in drug development for treating cancers. glutamate/neutral amino acid transporter; neurological disease; PCR; ss; amino acid transporter disorder; single nucleotide polymorphism; SNP. The invention relates to an isolated polynucleotide (I) comprising a first nucleotide sequence which comprises solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 (SLC1A4) isogenes Solute Carrier Family 1 (SLC1A4) primer extension oligonucleotide #24. Solute carrier family 1; SLC1A4; haplotyping; human; cancer; primer; Gaps ; 0 0; Indels DB 1; Length 10; Sequence 10 BP; 0 A; 6 C; 4 G; 0 T; 0 U; 0 Other; 43.8%; Score 7; DB 1; Len 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Sausker EA; Bieglecki KM, Kazemi A, Russo DP, Claim 17; Page 16; 139pp; English. Claim 19; Page 15; 162pp; English BP. (GENA-) GENAISSANCE PHARM INC. 43.8%; 29-NOV-2001; 2001WO-US044781. 30-NOV-2000; 2000US-0250254P. ABK95853 standard; DNA; 10 (first entry) Conservative WPI; 2002-519580/55. CGGGCGG 10 Local Similarity Les 7; Conserv CGGGCGG 3 WO200244198-A2. Homo sapiens 24-SEP-2002 06-JUN-2002. ABK95853; Query Match Amino RESULT 624 Matches ð 셤

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cc (II) and an isolated polypeptide (III) comprising an amino acid sequence which is a polymorphic variant of a reference sequence for SLC1A4 protein. Also described are methods for: (1) haplotyping or genotyphing of senotyping or genotyphing of senother at least one haplotype or haplotype pair for SLC1A4 gene of an individual; (3) identifying an association between a trait and car least one haplotype or haplotype pair of SLC1A4 gene a trait and car least one haplotype pair of SLC1A4 gene. (III) is useful or in screening for drugs targeting (III) that are useful for treating cancer, neurological diseases and amino acid transporter disorders. The methods are useful for improving the efficiency and reliability of several steps in the discovery and development of drugs for treating diseases associated with SLC1A4 activity. The haplotyping method is also used by the pharmaceutucial research scientist to validate SLC1A4 as a candidate target for treating a specific condition or disease predicted to be associated with SLC1A4 activity, e.g. cancer, neurological diseases and amino acid transporter disorders, and in the design of clinical crials for treating a specific condition of disease associated with SLC1A4 activity, The methods are also useful for screening compounds transporter disorders, and in the design of clinical crials for treating a specific condition of disease associated with SLC1A4 antibody is useful in diagnostic.

Crial and reliated PCP primers used to identify single nucleotide polymorphisms (and related PCP)
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Sequence 10 BP; 2 A; 2 C; 4 G; 2 T; 0 U; 0 Other;

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              43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
Query Match
Best Local Similarity 100.00
East 7; Conservative
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ABK96067 standard; DNA; 10 BP.
           (first entry)
          24-SEP-2002
       ABK96067;
RESULT 625
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Human LIPE gene polymorphism detection oligonucleotide primer #42.

Human; lipase; hormone sensitive; LIPE; isogene; obesity; male sterility; polymorphism; primer; ss.

Homo sapiens.

WO200240502-A2.

16-NOV-2001; 2001WO-US043518

16-NOV-2000; 2000US-0249302P

(GENA-) GENAISSANCE PHARM INC.

ы Rounds Koshy B, Chew A, Bentivegna SC, Anastasio AE,

WPI; 2002-519369/55.

Novel genetic variants of Lipase, Hormone-Sensitive isogenes, useful for improving efficiency and reliability in drug development for treating diseases associated with LIPE activity, e.g. obesity and male sterility.

Claim 17; Page 16; 142pp; English.

The present invention relates to a new polynucleotide comprising a nucleotide sequence which comprises lipase, hormone sensitive (LIPE) isogenes. The invention is useful in screening for drugs targeting LIPE isogenes that are useful for treating obesity and male sterility. The

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methods of the invention are useful for improving the efficiency and reliability of several steps in the discovery and development of drugs for reliability of several steps in the discovery and development of drugs for treating diseases associated with LIPE activity. The polymiclectide is useful in studying the expression and function of LIPE, and in expressing LIPE protein for use in screening for candidate drugs to treat diseases related to LIPE activity. It is also useful in studying the effect of the variation on the biological activity of LIPE as well as on the binding affinity of candidate drugs targeting LIPE for the treatment of obseity and male sterility. The invention is useful for studying the expression of LIPE isogenes in vivo, for in vivo screening and testing of the capeutic agents and compounds for treating obseity and male sterility in a biological system. The present nucleic acid sequence respresents one of a collection (ABXSGO26-ABXSGO31) of oligonucleotide primers that were used in the invention to detect polymorphisms in the human LIPE gene
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Sequence 10 BP; 3 A; 3 C; 4 G; 0 T; 0 U; 0 Other;

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Gaps
                                     ö
                                   0; Indels
43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                Local Similarity 100.
1es 7; Conservative
 Query Match
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6 GGCGGCA 12 GGCGGCA 9 ઠે g

AAS96206 standard; DNA; 10 BP. AAS96206; RESULT 626 AAS96206/c 

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Gaps

26-FEB-2002 (first entry)

Human Acetylcholinesterase gene ASO primer extension primer #24.

Human, 88, PCR primer, allele specific oligonucleotide, ASO, ACHE, acetylcholinesterase, polymorphic variant, haplotyping, genotyping, neurological disease, Parkinson's disease, Alzheimer's disease, cancer, leukaemia; tumour; chromosome 7q22; primer extension.

Homo sapiens.

WO200179219-A2.

25-OCT-2001.

11-APR-2001; 2001WO-US011853.

14-APR-2000; 2000US-0197173P.

(GENA-) GENAISSANCE PHARM INC. (KAZE/) KAZEMI A.

Choi JY, Bentivegna SC, Chew A,

B. Koshy

WPI; 2002-055248/07.

New polymorphic variants comprising acetylcholinesterase (ACHE) isogene, useful in expressing ACHE protein for use in screening for candidate drugs to treat diseases related to ACHE activity, e.g. neurological diseases or cancer.

Claim 18; Page 14; 79pp; English.

The invention relates to a polynucleotide comprising a polymorphic variant of an acetylcholinesterase (ACHE) gene or fragment, protein or complement, the variant comprising an ACHE isogene defined by a haplotype selected from haplotypes 1-20 listed in the specification. Also included are methods for haplotyping and genotyping the ACHE gene of an individual, a method for predicting a haplotype pair for the ACHE gene of an individual, a method for identifying an association between a trait

and at least one haplotype or haplotype pair of ACHE gene, recombinant nonhuman organisms transformed or transfected with the polynucleotide where the organisms expresses ACHE protein encoded by the first nucleotide sequence or encoded by the polynorphic variant sequence, an isolated antibody specific for and immunoreactive with ACHE, a method of screening for drawing targeting the polymorphic waith ACHE, a method of screening for drawing activity, a computer with a candidate agent and assaying for binding activity, a computer System for storing and analysing polymorphism data for ACHE gene and a genome anthology for ACHE gene which comprises ACHE isogenes defined by haplotypes 1-20 given in the specification. The Polymorphisms are useful for studying the biological function of ACHE as well as in identifying drugs targeting this protein for the treatment of disorder related to its drugs targeting this protein for the treatment of disorder related to its abnormal expression or function. The polymorphic variants may also be used in screening for compounds targeting ACHE to treat a specific condition or disease predicted to be associated with ACHE activity e. Gencer, leukaemia, and tumours The ACHE gene maps to human chromosome conduction a primer extension experiment to detect the polymorphic conduction of a permitten of the invention \$

Sequence 10 BP; 0 A; 5 C; 4 G; 1 T; 0 U; 0 Other;

0; Gaps 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels 

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ABK81360 standard; DNA; 10 ABK81360

BP.

ABK81360; 

13-AUG-2002 (first entry)

cytostatic; gene therapy; single nuclectide polymorphism; haplotyping; haplotype pair; developmental bone disorder; cancer; tumour; ss; primer; chromosome 14q21-q31. Human; v-fos FBJ murine osteosarcoma viral oncogene homologue; FOS; PCR; Human FOS gene allele-specific oligonucleotide PCR primer #3.

Homo sapiens.

WO200232931-A2.

25-APR-2002

19-OCT-2001; 2001WO-US046142.

19-OCT-2000; 2000US-0241620P.

B, Koshy (GENA-) GENAISSANCE PHARM INC. Kliem SE, Anastasio AE,

Lee HH;

WPI; 2002-435529/46.

Novel genetic variants of V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS) isogenes, useful for improving efficiency and reliability in drug development for treating developmental bone disorders.

Claim 17; Page 14; 73pp; English.

The invention relates to single nucleotide polymorphisms in the gene encoding the human v-fos FBJ murine osteosarcoma viral oncogene homologue (FOS) polypeptide. A method for haplotyping the FOS gene in an individual comprises identifying the nucleotide at one or more polymorphic sites and

determining whether one of the copies of the gene is defined by one of
the FOS haplotypes given in the specification or whether both copies are
defined by a haplotype pair. This method is useful in genotyping, whereby
all possible haplotype pairs can be assigned to specific genotypes. An
association between a trait and a haplotype or haplotype pair of the FOS
gene can be identified by comparing the frequency of the haplotype or
haplotype pair in a population exhibiting the trait with the frequency of
the haplotype or haplotype pair in a reference population, where a higher
haplotype frequency in the trait population indicates the trait is
associated with the haplotype or haplotype pair. FOS and its
corresponding DNA are used for studying the expression and function of
FOS, for use in screening for candidate drugs to treat diseases related
to FOS activity, such as developmental bone disorders and tumours. The
sequences are also useful for studying the effect of variation on the
biological activity of
candidate drugs targeting FOS. Sequences ABK8113F8-ABK81377 represent ö The present invention describes a zinc finger protein (I) that binds to a target site, comprising a first (F1), a second (F2), and a third (F3) and finc finger, ordered F1, F2, F3 from N-terminus to C-terminus, where the target site comprises, in 3'-5' direction, a first (S1), a second (S2), and a third (S3) target subsite. Also described are: (1) a polypeptide (II) comprising (I); (2) a polymotleotide (III) encoding (I) or (II); and (S2) a below the selecting the F1 zinc finger such that it binds to the S1 target subsite, selecting the F2 zinc finger such that it New zinc finger protein that binds to target site, useful in studying gene function and for human therapeutics and plant engineering, comprises first, second and third zinc fingers, ordered from N- to C-terminus. Gaps Zinc finger protein related oligonucleotide target SEQ ID NO:1641. ö Zinc finger protein; ZFP; DNA binding protein; zinc finger; 88. 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; rative 0; Mismatches 0; Indels Sequence 10 BP; 1 A; 4 C; 5 G; 0 T; 0 U; 0 Other; Example 1; Page 51; 81pp; English. (SANG-) SANGAMO BIOSCIENCES INC. ABQ71649 standard; DNA; 10 BP. 20-NOV-2001; 2001WO-US043438. 20-NOV-2000; 2000US-00716637 28-AUG-2002 (first entry) 7; Conservative WPI; 2002-500284/53. 4 CGGGCGG 10 ceeecee 10 Local Similarity WO200242459-A2. polymorphisms Homo sapiens. 30-MAY-2002 Synthetic. ABQ71649; Query Match Liu Q; RESULT 628 ઠે 요 

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binds to the S2 target subsite, and selecting the F3 zinc finger such that it binds to the S3 target subsite, thus designing (I) that binds to a target site. (I) is useful for recognition of triplet target subsites having the mucleotide G in the S'-most position of the subsite. (I) is useful in studying gene function, and for human therapeutics and plant engineering. (I), (II) or (III) is useful in therapeutic methods to diagnostic methods for ararget region within a subject, in diagnostic methods for sequence specific detection of target nucleic acid in a sample, and in assays to determined the phenotype and function of gene expression. (I) has improved affinity and specificity for their target sequences, as well as enhanced biological activity. ABQ71213 to ABQ72214 and ABP48191 to ABP51230 represent DNA target sequences and zinc finger peptides which are given in the exemplification of the present
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present invention describes a zinc finger protein (I) that binds to a target site, comprising a first (F1), a second (F2), and a third (F3) zinc finger, ordered F1. F2, F3 from N-terminus to C-terminus, where the target site comprises, in 3'-5' direction, a first (S1), a second (S2), and a third (S3) target subsite. Also described are: (I) a polypeptide (II) comprising (I); (2) a polymuclectide (III) encoding (I) or (II); and (S3) designing (M) (I) involves selecting the F1 zinc finger such that it binds to the S2 target subsite, selecting the F2 zinc finger such that it that it binds to the S3 target subsite, and selecting the F3 zinc finger such that it that it binds to the S3 target subsite, thus designing (I) that binds to a target site. (I) is useful for recognition of triplet target subsites having the nucleotide G in the 5'-most position of the subsite. (I) is
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                                                                                                                                                                                                                                                                                                                                                                        43.8%; Score 7; DB 1; Length 10;
100.0%; Pred. No. 3.4e+02;
Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                  Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                          invention
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This invention relates to an isolated polynucleotide which is a polymorphic variant of a reference sequence for sodium channel voltage gated type 2 beta polypeptide (SCN2B) gene. The methods have gated type 2 beta polypeptide (SCN2B) gene. The methods have applicability in developing diagnostic tests and therapeutic treatments for demyelinating diseases. The protein is useful for studying the expression and function of SCN2B and expressing SCN2B protein for use in screening for candidate drugs to treat diseases related to SCN2B activity. The polymorphism and haplotype data are useful for validating whether SCN2B is a suitable target for drugs to treat demyelinating whether SCN2B is a suitable target for drugs to treat demyelinating the haplotyping method is useful to validate SCN2B as a candidate target for treating a specific condition or disease predicted to be associated for treating a struity. A recombinant non-human organism transformed or transfected with the polypeptide is useful for studying expression of the SCN2B isogenes in vivo, for in vivo screening and testing of drugs against SCN2B protein and for testing the efficacy of therapeutic agents
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useful in studying gene function, and for human therapeutics and plant engineering. (1), (11) or (III) is useful in therapeutic methods to modulate the expression of a target region within a subject, in diagnostic methods for sequence specific detection of target nucleic acid in a sample, and in assays to determined the phenotype and function of gene expression. (1) has improved affinity and specificity for their target sequences, as well as enhanced biological activity. AB071213 to ABQ72214 and ABP48191 to ABP51230 represent DNA target sequences and zinc finger peptides which are given in the exemplification of the present invention
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100.0%; Pred. No. 3.4
ive 0; Mismatches
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Best Local Similarity
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Indels

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Mismatches

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gene. HOXD3 gene includes 9 polymorphic sites PS1-PS9. Haplotypes (HTS)

or haplotype pairs (HP) for PS1-PS9 in the HOXD3 gene are useful for
improving the efficiency and reliability of several steps in the
discovery and development of drugs for treating diseases associated with
HOXD3 activity, e.g., developmental disorders and tumours. HOXD3 and in
sypressing HOXD3 protein for use in screening for candidate drugs to
creat diseases related to HOXD3 activity of HOXD3 and in
expressing HOXD3 protein for use in screening for candidate drugs to
treat diseases related to HOXD3 activity of HOXD3 as well as on the
binding affinity of candidate drugs targeting HOXD3 for the treatment of
the variation on the biological activity of HOXD3 as well as on the
binding affinity of candidate drugs targeting HOXD3 for the treatment of
developmental disorders and tumours. An antibody against HOXD3 is useful
methods. A recombinant non-human organism is useful in studying
expression of the HOXD3 isogenes in vivo. Allele-specific
oligonuclectides (ASO) are useful as probes and primers and for assaying
a polymorphism in the target region. The present sequence is a primer
used for detecting human HOXD3 gene polymorphisms
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and compounds for demyelinating diseases in a biological system. This sequence is used during the detection of polymorphisms of the SCN2B gene
                                                                                                                                                                                                                                                                                                                                        Human; homeo box D3; HOXD3; polymorphism; developmental disorder;
haplotype; HT; allele-specific oligonucleotide; ASO; tumour; therapy;
drug screening; cytostatic; primer; ss.
                                                                                                    Gaps
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                                                                                                 0; Indels
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                                                                       Length 10;
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                                          Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
                                                                      Score 7; DB 1; Le
Pred. No. 3.4e+02;
                                                           43.8%; Scor.
100.0%; Pred. No. 5.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24-MAY-2001; 2001WO-US016982
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                                                          Query Match
Best Local Similarity 100...
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                                                                                                                                                       GGCGGGC 10
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Best Local Similarity
                                                                                                                             2 GGCGGGC 8
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                                                                                                                                                                                                                                                                                                                                                                                                                           WO200190127-A2
                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens.
                                                                                                                                                                                                                                                                                   12-MAR-2002
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                                                                                                                                                                                                                                                       AAD25219;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Duda A,
                                                                                                                                                                                               RESULT 631
AAD25219
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New genetic variants comprising haplotypes of the P450 (cytochrome) oxidoreductase (POR) isogene, useful in improving the efficiency of drug screening protocols for compounds targeting POR.
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                                                                                                                                                                                                                                                                                                                                            Human P450(cytochrome) oxidoreductase ASO primer extension oligo #45
                                                                                                                                                                                                                                                                                                                                                                                             Human; P450(cytochrome) oxidoreductase; POR; cancer; haplotype; SNP;
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                                                                                                                                                                                                                                                                                                                                                                                                                      single nucleotide polymorphism; flavoprotein; enzyme; primer extension oligonucleotide; ss.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Messer C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 16; Page 15; 141pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABV78532 standard; cDNA; 10 BP.
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                                                                                                                                                                                  ABN80657 standard; DNA; 10 BP
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6 GGCGGCA 12
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Best Local Similarity
                                                 GGCGGCA 9
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                                                                                                                                                                                                                                      ABN80657;
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(KAGA-) KAGAKU GIJUTSU SHINKO JIGYODAN

WPI; 2002-631294/68

19-JAN-2001; 2001JP-00012328

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The invention relates to SAGE (serial analysis of gene expression) tags representing groups of genes which are expressed in activated human Th1 and/or Th2 Calls. The SAGE tags of this invention consist of a sequence of 10 mucleotides located downstream of the 5'-CATG-3' sequence motify lying nearest to the polya region of cDNAs derived from a variety of genes. These tags serve to uniquely identify each transcript and can thus be used to analyse the pattern of gene expression in particular cell types. The invention also relates to proteins encoded by the genes capressed in Th1 and/or Th2 cells, antibodies against these proteins, and inhibitors of the expression of groups of genes that are expressed in either or both the two cell types. Groups of genes expressed in Th1 and/or Th2 cell types may be used for the diagnosis and treatment of Th1 and Th2-related disorders. Sequences ABV78390-ABV78560 are SAGE tags representing 171 genes which are more highly expressed in Th1 cells compared with Th2 cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SAGE tag; serial analysis of gene expression; human; chronic hepatitis C; CH; liver tissue; hepatocellular carcinoma; cancer; tumour; HCC; expression pattern; differential expression; ss.
SAGE tag; serial analysis of gene expression; human; Th1 cell; activated T cell; T lymphocyte; immune response; expression pattern; preferential expression; immune disorder; EST; expressed sequence tag;
                                                                                                                                                                                                                                                                                                                                                         Human activated Th1 and Th2 cell expression gene group, useful for the diagnosis and treatment of Th1 and Th2-related diseases.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; Live 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                (KAGA-) KAGAKU GIJUTSU SHINKO JIGYODAN
                                                                                                                                                                                                                                                                                                                                                                                                               Claim 19; Page 12; 60pp; Japanese.
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                                                                                              Homo sapiens.
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ABV84235/c
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The invention relates to SAGE (serial analysis of gene expression) tags
representing groups of genes which are differentially expressed in human
Cdronic hepatitis C (CH) liver tissue or hepatitis C-induced
chronic rectionma (HCC) compared with normal human liver tissue.
The SAGE tags of this invention consist of a sequence of 10 nucleotides
coreated downstream of the 5'-CATG-3' sequence motif lying nearest to the
polya region of cDNAs derived from a variety of genes. These tags serve
co uniquely identify each transcript and can thus be used to analyse the
pattern of gene expression in particular cell types. The invention also
correlates to proteins encoded by the genes expressed in chronic hepatitis C
liver tissue or HCC, antibodies against these proteins, and inhibitors of
the expression of groups of genes that are overexpressed in chronic
hepatitis C liver tissue or HCC. Groups of genes differentially expressed
in chronic hepatitis C tissue or HCC. Groups of genes differentially expression
c treatment of these diseases. Such genes, inhibitors of their expression
c activity, and antibodies against the gene products may be used in the
development of drugg to treat chronic hepatitis C and/or HCC. Sequences
challed and the compared which are overexpressed in chronic
expressed genes out of those genes which are overexpressed
corrections.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SAGE tag; serial analysis of gene expression; human; chronic hepatitis C; CH; liver tissue; hepatocellular carcinoma; cancer; tumour; HCC; expression pattern; differential expression; 88.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                Human chronic hepatitis C tissue expression exasperating gene group comprises 100 high-ranking genes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human chronic hepatitis C tissue expression exasperating gene group comprises 100 high-ranking genes.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10 BP; 1 A; 5 C; 4 G; 0 T; 0 U; 0 Other;
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                                                                                                                                                                         Claim 1; Page 11; 139pp; Japanese.
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Best Local Similarity luv...
7; Conservative
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                                                                                   representing groups of genes which are differentially expressed in human chronic hepatitis C (CH) liver tissue or hepatitis C-induced chronic hepatitis C (CH) liver tissue or hepatitis C-induced chronic hepatitis C (CH) liver tissue or hepatitis C-induced chronic human liver tissue.

The SAGE tags of this invention consist of a sequence of 10 nucleotides located downstream of the 5'-CATG-3' sequence motif lying nearest to the polya region of CDNs derived from a variety of genes. These tags serve to uniquely identify each transcript and can thus be used to analyse the pattern of gene expression in particular cell types. The invention also conclude to the expression of groups of genes expressed in chronic hepatitis C liver tissue or HCC, antibodies against these proteins, and inhibitors of the expression of groups of genes that are overexpressed in chronic chepatitis C liver tissue or HCC groups of genes differentially expressed in chronic hepatitis C tissue or HCC may be used for the diagnosis and treatment of these diseases. Such genes, inhibitors of their expression conference against the gene products may be used in the development of drugs to treat chronic hepatitis C and/or HCC. Sequences ABV84391-ABV84490 are SAGE tags representing the 100 most highly hepatically lar carrings of those genes which have a coverexpressed in chronic hepaticis C expressed in carrings of those genes which have a carrings of those development of those dense with have a coverexpressed in the carrings of those genes with a coverexpressed in the carrings of those development of those dense with have a coverexpressed in the carrings of those dense with have the coverexpressed in the carrings of those dense with have the coverexpressed in the carrings of those dense with the coverexpressed in the carrings of those dense with the carrings of the c
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                                                                      The invention relates to SAGE (serial analysis of gene expression) tags
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The present invention relates to a nucleic acid library comprising myc-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Myc-dependent downstream gene, neoplastic, cancer; growth; invasion, spread, myc target; myc tag; SAGE; serial analysis of gene expression; myc oncogene; N-myc; human neuroblastoma; cytostatic; ds.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Transcript tag DNA sequence #152 induced or suppressed by N-myc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       hepatocellular carcinoma compared with normal liver tissue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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Pred. No.
                        Claim 19; Page 17; 139pp; Japanese
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29-JUN-2000; 2000EP-00202284.
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Best Local Similarity 100..
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The invention relates to single nucleotide polymorphisms in the gene encoding the human G protein-coupled receptor similar to the adrenomedullin receptor (ADMR) polypeptide. A method for haplotyping the adrenomedullin receptor (ADMR) polypeptide. A method for haplotyping the more polymorphic sites and determining whether one of the copies of the gene is defined by one of the ADMR haplotypes given in the specification or whether both copies are defined by a haplotype pair. This method is useful in genotyping, whereby all possible haplotype pair can be assigned to specific genotypes. An association between a trait and a haplotype or haplotype or haplotype or haplotype pair of the ADMR gene can be identified by comparing the frequency of the haplotype or haplotype or haplotype or haplotype pair in a reference population, where a higher haplotype or haplotype with the trait with the frequency of the haplotype or haplotype or haplotype or haplotype pair in a reference population, where a higher haplotype or the haplotype or haplotype pair. ADMR and its corresponding DNA are used
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human, G protein-coupled receptor similar to the adrenomedullin receptor; AbMR; haplotyping; haplotype pair; congestive heart failure; primer; ss; arterial hypertension; pulmonary hypertension; renal failure; sepsis; chromosome 12; single nucleotide polymorphism; PCR.
              capable of supporting a neoplastic character of cancer such as growth, invasion or spread. These myc target or tag sequences are identified by SAGE (serial analysis of gene expression). The library is useful to find new diagnoses and treatments for cancer. The invention is also useful to enhance production of recombinant proteins in a production system with high expression of endogenous or transfected myc oncogenes. ABK23412-ABK23828 represent transcript tag DNA sequences that are activated or repressed by N-myc in human neuroblastoma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel G-protein coupled receptor similar to the adrenomedullin receptor gene, useful therapeutically and in screening for drugs targeting
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downstream genes or their functional fragments essentially
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                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                  Length 10;
                                                                                                                                                                                                                                     Sequence 10 BP; 1 A; 3 C; 4 G; 2 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                               43.8%; Score 7; DB 1; Ler
100.0%; Pred. No. 3.4e+02;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                     Local Similarity 100.
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                                                                                                                                                                                                                                                                                                                                                                          CGGCATC 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WO200226770-A2
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                                                                                                                                                                                                                                                                               Query Match
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The invention relates to an isolated human superoxide dismutase 1, soluble (amyotrophic lateral sclerosis 1 (adult)) (SOD1) polynucleotide (1) comprising a sequence which is a polymorphic variant of a reference sequence for the SOD1 gene of an individual, involves: (a) determining whether the individual has one of the SOD1 involves: (a) determining whether the individual has one of the SOD1 cone copy of the SOD1 gene present in the individual, the determining for one copy of the SOD1 gene present in the individual, the identity of the nucleotide at two or more polymorphic sites selected from PSI-7. The method is useful for determining whether an individual has a haplotype or haplotype pairs defined in the specification. The method is also useful for improving the efficacy and reliability of several steps in the discovery and development of drugs for treating diseases in the discovery and development of drugs for treating a specific condition or disease associated with SOD1 activity. It can further be used in the design of clinical trials of candidate drugs for treating a specific condition or disease predicted to be associated with SOD1 activity. (1) is useful in studying the expression and function of SOD1, and in creat expressing SOD1 protein for use in screening for candidate drugs to treat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18
for studying the expression and function of ADMR, for use in screening for candidate drugs to treat diseases related to ADMR activity, such as congestive heart failure, arterial hypertension, pulmonary hypertension, renal failure, and sepsis. Sequences ABKR01304-ABKR01325 represent allelespecific oligonucleotide PCR primers used to detect ADMR gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sclerosis 1 (adult);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Isolated human superoxide dismutase 1 (SOD1) soluble polynucleotide, useful for screening therapeutic compounds, comprises a sequence which a polymorphic variant of reference sequence for the SOD1 gene or its
                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Superoxide dismutase 1 (SOD1) allele-specific oligonucleotide #27,
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                                                                                                                                                                                  43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Superoxide dismutase 1; soluble amyotrophic lateral haplotyping; SOD1; allele-specific oligonucleotide;
                                                                                                                                            Sequence 10 BP; 2 A; 3 C; 5 G; 0 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                               AAS95686 standard; DNA; 10 BP.
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                                                                                                                                                                                                       Local Similarity 100.
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                                                                                                        polymorphisms
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                                                                                                                                                                                    Query Match
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diseases related to SOD1 activity. AAS95660-AAS95710 represent human superoxide dismutase 1, soluble (amyotrophic lateral sclerosis 1 (adult)) (SOD1) allele-specific oligonucleotides and related PCR primers as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The present invention describes a polypeptide (I) which is a polymorphic variant (PV) of the acetyl-Coenzyme A acyltransferase (peroxisomal 3-oxocyl-Coenzyme A thiolase) ACAH protein (ABBOSIS)6. ACAH is located on chromosome 3p23-p22. (I) can be encoded by ABA91286 (or ABA93288) where the sequence comprises one of the haplotypes shown in Table 4 or one of the haplotype pairs shown in Table 3, where Tables 3 and 4 are given in the specification. The polynucleotide encoding ACAAI can be used for providing haplotype and spenotype information of an individual. Furthermore, the polynucleotide is useful for the treatment of disorders related to its abnormal expression or function. ABA93289 to ABA93383 represent allele specific oligonucleotides (ACOS) which are used in the detection of polymorphisms in the human ACAAI gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Isolated polynucleotide, comprising a polymorphic variant of the acetyl-conzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase) gene useful for providing haplotype information and in therapy for treating related disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human; acetyl-Coenzyme A acyltransferase; ACAA1; chromosome 3p23-p22; peroxisomal 3-oxoacyme A thiolase; SNP; genotype; haplotype; single nucleotide polymorphism; polymorphic variant; enzyme; probe; primer; allele specific oligonucleotide; se.
                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Human ACAAl gene polymorphism detection primer SEQ ID NO:69.
                                                                                                                                                                   0; Indels
                                                                                                                                 Length 10;
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                                                                                           Sequence 10 BP; 1 A; 4 C; 5 G; 0 T; 0 U; 0 Other;
                                                                                                                               DB 1; Ler
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                                                                                                                             Query Match
43.8%; Score 7; DB 1
Best Local Similarity 100.0%; Pred. No. 3.4
Matches 7; Conservative 0; Mismatches
                                                        described in the method of the invention
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                                                                                                                                                                                                                                                                                                                                  BP.
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Best Local Similarity 100. ق
المالية 7; Conservative
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Human TANGO 239 form 1 cDNA 3' end fragment.
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                                                                                                                                                                                                                                                                                                                                             (BARN/)
(FRAS/)
(WRIG/)
(MYER/)
(KING/)
                                                                                                                                                                                                                                                                                                                   (LEIB/)
(BOSS/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                               vaccine
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                                                                                                                                                                                                                                                                                                          (SHAR/)
                                                                                                                                                                                                                                                                                                                                     (PANY/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
The present invention relates to an isolated nucleic acid that encodes an intestinal trefoil factor (ITF) polypeptide. The intestinal trefoil factor can be used to treat peptic ulcers and inflammatory bowel diseases and to protect the intestinal tract from injury caused by bacterial infection, radiation surgery or other insults. It may also be used to protect and stabilise other proteins in the digestive tract. The present sequence is an oligonucleotide used in the isolation of human ITF (hITF)
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                                                                                                                                                                                                                                                                                                                                                    A nucleic acid encoding an intestinal trefoil factor is useful to treat peptic ulcers and inflammatory bowel disease, and to protect the intestine against injury from insults such as bacterial infection and radiation surgery.
                                                                                                                                          Intestinal trefoil factor; ITF; inflammatory bowel disease; therapy; bacterial infection; peptic ulcer; radiation surgery; antiulcer; antinflammatory; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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                                                                                                                         Oligonucleotide used to isolate hITF probe by PCR.
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100.0%; Pred. No. 3.4
ive 0; Mismatches
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                                                                                                                                                                                                                                                     91US-00655965.
92US-00837192.
93US-00037741.
94US-00191352.
                                                                     BP
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                                                                    AAD26959 standard; DNA; 10
                                                                                                        (first entry)
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       11
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                      GGCGGC 7
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Best Local Similarity
      2552555
                                                                                                                                                                               Unidentified
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25-MAR-1993;
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                                                    RESULT 640
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              acid sequence. TANGO protein is used to identify a compound which binds to it that can be used for modulating its activity. It is also used to produce an antibody. The antibody is used to detect the presence of the polypeptide in a sample. TANGO DNA and protein are useful as modulating agents in regulating cellular processes. They can be used in vaccines. TANGO DNA and protein and its antibody are used in e.g. chromosomal mapping, tissue typing, forensic biology, predictive medicine, pharmacogenomics and treatment methods. TANGO DNA is used in antisense gene therapy. The present sequence is human TANGO 239 form 1 cDNA
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TANCO protein; vaccine; chromosomal mapping; antisense gene therapy; forensic biology; predictive medicine; cytostatic; pharmacogenomic; tissue typing; human; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New isolated nucleic acid encoding a TANGO polypeptide, for use as a modulating agent for regulating cellular processes and for use in a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Barnes TM;
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Kingsbury G;
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Myers PS,
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98US-00223546

99US-00324246

99US-00336536

99US-00342687

99US-00342687

99US-00365164

99US-00471179

99US-00474071

99US-00474071

2000US-00597993

2000US-00597993

2000US-00597993

2000US-00597993

2000US-00596565
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Fraser CC, Wrighton N,
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FRASER C C.
WRIGHTON N.
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KINGSBURY G.
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LEIBY K R.
BOSSONE S.
                                                                                                                                                           US2002055139-A1
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                                                                                                                Homo sapiens.
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23-DEC-1999;
29-DEC-1999;
29-DEC-1999;
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RESULT 643
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present invention relates to genetic variants of human neurotrophin (NTF) 3 gene. The invention also relates to compositions and methods for heplotyping and/or genotyping the NTF3 gene in an individual. Sequences of the invention are useful for studying the expression and function of NTF3 protein for use in screening for candidate drugs to treat diseases related to NTF3 activity. The polymorphism and haplotype data is useful for validating whether NTF3 is a suitable target for drugs to treat drugs concerns system disorders and congenital heart defects, screening for such drugs and reducing bias in clinical trials of such drugs. They are also useful for therapeutic purposes. The haplotyping method is useful for such and outcome of several steps in the discovery and development of drugs for treating diseases associated with NTF3 and eactivity such as nervous system disorders and congenital heart defects. It is also useful for validating NTF3 as a candidate target for treating a specific condition or disease predicted to be associated with NTF3 curivity. Commence of the invention are also useful for screening compounds to treat a specific condition or disease predicted to be associated with NTF3 and continuity. The method is also useful for screening compounds to treat a continuity of the properties of t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Novel polymorphic variants of neurotrophin 3 (NTF3), useful for studying the expression and function of NTF3, and for screening candidate drugs to treat nervous system disorders and congenital heart defects.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                activity. Sequences of the invention are also used in gene therapy. The present DNA sequence is a primer used to detect human NTF3 gene
                                                                                                                                                                                                                                                                                                           Human; genetic variant; neurotrophin 3; NTF3; haplotyping; genotyping;
nervous system disorder; congenital heart defect; gene therapy;
therapeutic; polymorphism; primer; ss.
                                                                                                                                                                                                                                                                Human neurotrophin 3 (NTF3) gene polymorphism detecting primer #4.
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Claim 19; Page 13; 60pp; English.
                                                                                                                                           AAD32318 standard; DNA; 10 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (GENA-) GENAISSANCE PHARM INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       06-AUG-2001; 2001WO-US024665.
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                                                                                                                                                                                                                           (first entry)
GGCCGC 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2002-269092/31
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                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
                                                                                                                                                                                                                         18-JUN-2002
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                                                                                                                                                                                AAD32318;
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                                                                                                  RESULT 642
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The invention relates to a DNA array for identifying cancer related genes. The DNA array comprises: (a) statistically significantly higher results of over 10% in homology search of a DNA molecule describing different genes or a complementary DNA (cDNA); (b) statistically significantly higher results (p value) of over 10% in homology search with human Alu sequence; (c) difference of melting temperature of the DNA fragment and hybridisation temperature at 30 degree C or less; (d) the DNA fragment prepared by immobilisation of a DNA short sequence with a specific higher order structure; and (e) the DNA fragment without short repetitive sequence. The array is used in elucidation of the action mechanism of anticancer agents. ABK92989-ABK93090 represent human cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A DNA array that observes the expression of cancer related genes is useful for the elucidation of the action mechanism of anticancer agents.
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                                                                                                                                                                                                                                         Human; cancer; DNA array; gene expression analysis; primer; PCR; ss.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         related genes and associated primers of the invention
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                                                                                                                                                                                 Human cancer related gene associated primer #1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Disclosure; Page 8; 71pp; Japanese.
                        ABK93089 standard; DNA; 10 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      22-AUG-2000; 2000JP-00255737.
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                                                                                                                            (first entry)
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Best Local Similarity
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                                                                                                                                                                                                                                                                                           Homo sapiens.
                                                                                                                            22-AUG-2002
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                                                                          ABK93089;
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ABK93085
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Kazemi A,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The invention describes an isolated polynucleotide comprising a nucleotide sequence which is a polymorphic variant of a reference sequence for the aldehyde dehydrogenase 5 family, member Al (succinate-semialdehyde dehydrogenase) (ALDHSA1) gene or its fragment. The comparison of the ALDHSA1 polymorphic variant with a candidate agent and assaying for binding activity. The polypeptide and haplotypes are useful for identifying an association between a trait such as a clinical response to a drug targeting ALDHSA1 and a haplotype ALDHSA1 gene. Transgenic animals care also useful for studying expression of the ALDHSA1 isogenes in vivo, for in vivo screening and testing of drugs against ALDHSA1 protein and corresponding to testing the efficacy of therapeutic agents and compounds for 4-thribodies are useful for idenomials adjunctic diseases in a biological system. Antibodies are useful for immunopractic and prognostic formats and tharapeutic methods, for immunopractipitating the polypeptide from solution, for detecting ALDHSA1 protein isoforms in biological samples, forzen these sections, for immunofluorescence techniques. The polymucleotide is useful for gene therapy and antisense gene therapy. This sequence is a primer extension oligonalleotide used to detect polymorphisms in the arrent enterminate the efficiency of the enterminate of the entermy and antisense gene therapy. This sequence is a primer extension oligonalleotide was the enterminate of the entermi
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                                                                                                                                                                                                           New genetic variants of human aldehyde dehydrogenase 5 family, member Al, ALDH5Al gene for treating metabolic diseases and for expressing ALDH5Al protein useful in identifying drugs to treat 4-hydroxybutyric aciduria.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1; Length 10; 3.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ALDH5Al gene described in the method of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Primer #4 to detect human SNAP29 gene polymorphisms.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10 BP; 2 A; 2 C; 6 G; 0 T; 0 U; 0 Other;
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100.0%; Pred. No.
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                                                                                                                                                                                                                                                                         Claim 18; Page 14; 151pp; English.
                                                                                                                                              Tanguay DA;
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                                                                                                              (GENA-) GENAISSANCE PHARM INC
                                               21-MAY-2001; 2001WO-US016558.
                                                                             19-MAY-2000; 2000US-0205849P
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Best Local Similarity luv...
7; Conservative
                                                                                                                                             Koshy B,
                                                                                                                                                                             WPI; 2002-089912/12
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                29-NOV-2001
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                                                                                                                                             Kliem SE,
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The invention relates to genetic variants of human synaptosomal-associated protein, 29 kD (SNAP29) gene. The invention also relates to compositions and methods for haplotyping and/or genotyping the SNAP29 gene in an individual. Polymuclectides of the invention are useful for studying the expression and function of SNAP29 and expressing SNAP29 protein for use in screening candidate drugs to treat diseases related to SNAP29 activity. They are also used in gene therapy. The genotyping method is useful for determining if an individual has one of haplotype or haplotype pairs. The polymorphism and haplotype data is useful for haplotype pairs. The polymorphism and haplotype data is useful for validating whether SNAP29 is a suitable target for drugs to treat disorders related to membrane trafficking, screening for such drugs and reducing bias cells in clinical trials of such drugs. The present sequence is a primer for detecting human SNAP29 gene polymorphisms
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                                                                                                                                                                                                                                                                                                                  Novel isolated polynucleotide, a polymorphic variant of synaptosomal-associated protein, 29 kD (SNAP29) gene useful for expressing SNAP29 protein isoform to screen drugs to treat SNAP29 activity-related disease.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 18; Page 14; 115pp; English.
                                                                                                                                                               Tanguay DA;
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                                                                                 (GENA-) GENAISSANCE PHARM INC.
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23-MAY-2000; 2000US-0206529P
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                                                                                                                                                               Koshy B,
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infarction, ischaemia/reperfusion injury and heart transplantation, in
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                                                                                                                                               Query Match
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                                                                                          This invention relates to a novel dominant negative or constitutively active mutant sequence of the cardiac-associated Myo/V1 protein (MP). The invention may be useful for the development of compounds with a cardiant, vasotropic, immunosuppressive or vulnerary activity through the inhibition of formation of NekappaB p50 or NekappaB p55 homodimers. The invention may be useful for the development of treatments for activity and secular disease including cardiac hypertrophy, myocardial infarction, ischaemia/reperfusion injury and heart transplantation, in a mammal, for anti-ageing treatment, for inhibiting formation of NekappaB p50 homodimers or NekappaB p65 homodimers in a cell of a mammal.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cardiant; vasotropic;
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sequence of Myo/V1 polypeptide, useful for treating cardiovascular disorders and inhibiting formation of NFkappaB homodimers.
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                              Sequence 10 BP; 0 A; 5 C; 5 G; 0 T; 0 U; 0 Other;
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                                                         SEQ ID NO 344; 217pp; English.
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mammal, for anti-ageing treatment, for inhibiting formation of NFkappaB p50 homodimers or NFkappaB p65 homodimers in a cell of a mammal and for reducing formation of NFkappaB p65 homodimers in a cell of a mammal.
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100.0%; Pred. No. 3.4
ive 0; Mismatches
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Human Myo/V1 protein-related NFkappaB regulation site SegID333.
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                                                                                                                                                                                                                                                                                                                                                                                                                                   mutant
                                                                                                                                                         cardiac-associated protein; Myo/V1 protein; MP; cardiant; vasotropic; immunosuppressive; vulnerary; NFkappaB p50; NFkappaB p65; cardiovascular disease; cardiac hypertrophy; myocardial infarction; ischaemia; reperfusion injury; heart transplantation; anti-ageing treatment; human; ds.
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This invention relates to a novel dominant negative or constitutively active mutant sequence of the cardiac-associated Myo/VI protein (MP). The invention may be useful for the development of compounds with a cardiant, vasoctropic, immunosupressive or vulnerary activity through the inhibition of formation of NPkappaB p50 or NPkappaB p55 homodimers. The inhibition may be useful for the development of treatments for cardiovascular disease including cardiac hypertrophy, myocardial infarction, ischaemia/reperfusion injury and heart transplantation, in a mammal, for anti-ageing treatment; for inhibiting formation of NPkappaB p55 homodimers in a cell of a mammal and for reducing formation of NPkappaB p55 homodimers in a cell of a mammal.
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cardiac-associated protein; Myo/V1 protein; MP; cardiant; vasotropic; immunosuppressive; vulnerary; NFkappaB p50; NFkappaB p65; cardiovascular disease; cardiac hypertrophy; myocardial infarction; ischaemis; reperfusion injury; heart transplantation; anti-ageing treatment; human; ds.
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Savoie CJ;

De Hoon M,

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The invention relates to a method of constructing gene networks by providing a quantitative disruptant data library for a set of genes of an organism, including expression results of disruption of each disruption for quantifying average effect and variability measure of each disruption for every other gene, creating gene expression matrix, generating network cevery other gene, creating gene expression of gene groups. The method is useful for constructing gene network for genes of organism to predict putative therapeutic targets The method provides internal control and quantitative measurement of the direct effects of the presence or absence of the gene on the expression of other genes.

Therefore selection of disruptant experiments to maximize the elucidation of gene control relationships is adhieved to generate useful gene control relationships is achieved to generate useful gene regulatory information. To illustrate the invention, Multiple Expectation -Maximization for motif Elicitation (MEME) was performed on 34 genes controlled by UME6, a global transcriptional regulator of meiotic genes.

This consensus sequence was found in 32.4% of genes examined. This sequence is defined as the binding site for a repressor of the CARI gene
                                                                                                                      Gene network construction, involves creating gene expression matrix based on expression result of gene disruption, using Bayesian computational model such that BNRC criterion is minimum.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Zinc finger protein DNA-binding domain target sequence SEQ ID NO:201.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Zinc finger domain; zinc finger; zinc finger binding domain; probe; chimeric nucleic acid; library; PCR primer; 88.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10 BP; 1 A; 2 C; 5 G; 2 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43.8%; Score 7; DB 1
100.0%; Pred. No. 3.4
ative 0; Mismatches
         Tashiro K,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kwon Y, Ryu E,
                                                                                                                                                                                                                   Disclosure; Page 11; 161pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ACC41654 standard; DNA; 10 BP.
         Miyano S,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17-AUG-2002; 2002WO-KR001560.
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22-APR-2002; 2002US-0374355P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ĸ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kim J, Bae K, Park
                                                                         WPI; 2003-371918/35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GGCGGC 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (TOOL-) TOOLGEN INC.
         Goto T,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WO2003016571-A1.
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       Imoto S,
Kuhara S;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ACC41654;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                    This invention relates to a novel dominant negative or constitutively active mutant sequence of the cardiac-associated Myo/VI protein (MP). The invention may be useful for the development of compounds with a cardiant, vasotropic, immunosuppressive or vulnerary activity through the inhibition of formation of NFkappas p50 or NFkappas p55 homodimers. The invention may be useful for the development of treatments for cardiovascular disease including cardiac hypertrophy, myocardial infarction, ischaemia/reperfusion injury and heart transplantation, in a mammal, for anti-ageing treatment, for inhibiting formation of NFkappas p50 homodimers in a cell of a mammal and for reducing formation of NFkappas p65 homodimers in a cell of a mammal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     binding sequence; ss; UME6; meiosis; transcriptional regulation; MEME; gene network; quantitative disruptant data library; gene expression; gene regulation; Multiple Expectation-Maximization for motif Elicitation;
                                                                                                                                                                                                                                                                               Novel dominant negative mutant sequence or constitutively active mutant sequence of Myo/V1 polypeptide, useful for treating cardiovascular disorders and inhibiting formation of NFkappaB homodimers.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 10 BP; 0 A; 5 C; 5 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                        Mann DL;
                                                                                                                                                                                                                                                                                                                                                                          Claim 45; SEQ ID NO 34; 217pp; English.
                                                                                                                                                                                        Knuefermann P,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        UME6 consensus binding sequence #2.
                                                                                                                                          (BAYU ) BAYLOR COLLEGE MEDICINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABZ80704 standard; DNA; 10 BP.
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29-NOV-2001; 2001US-0334355P
29-NOV-2001; 2001US-0334372P.
08-APR-2002; 2002US-0397858P.
19-JUL-2002; 2002US-0397458P.
                                            26-OCT-2001; 2001WO-US051272.
                                                                                           27-OCT-2000; 2000US-0243985P.
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                                                                                                                                                                                                                                     WPI; 2002-537532/57.
                                                                                                                                                                                        Sivasubramanian N,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5 GGCGGC 11
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13-JUN-2002
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DB 1; Length 10; 0; Indels

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                   The present invention describes a library comprising polypeptides. Bach polypeptide comprises a first or second zinc finger domain. The domains of each polypeptide are identical to a zinc finger domain from a naturally occurring protein and either do not occur in the same naturally occurring protein or occur in the same naturally occurring protein in a different configuration than in the polypeptide. The domains vary among polypeptides. Also described: (1) producing chimeric nucleic acids; (2) generating an artificial zinc finger polypeptide that specifically binds to a target DNA site; and (3) identifying a nucleic acid encoding a zinc finger polypeptide that specifically recognises a target DNA site. The library can be used for producing chimeric nucleic acids. ACC41551 to ACC41758 and ABR40919 to ABR41015 represent nucleocide and amino acid sequences given in the exemplification of the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention comprises a method for the PCR amplification of nucleic acids. The method involves a set of primers, where two of the primers are in solution and at least two other primers are attached to a solid support. The method of the invention can be used for the analysis of a nucleic acid or a mixture of nucleic acids, including: single-stranded DNA molecules, double-stranded DNA molecules and mRNA molecules. The present DNA sequence represents a random amplified polymorphic DNA (RAPD)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Amplification of nucleotide sequences from polynucleotides by chain extension of oligonucleotide primers, comprises 2 oligonucleotides in solution, 2 attached to supports and both share complementary sequences.
                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Nucleic acid amplification; nucleic acid analysis; bNA analysis; ss; RNA analysis; RAPD; PCR; primer; random amplified polymorphic DNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nucleic acid PCR amplification method-related RAPD PCR primer #44.
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                                                                                                                                                                                                                                                                 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                    Sequence 10 BP; 0 A; 3 C; 7 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10 BP; 1 A; 3 C; 4 G; 2 T; 0 U; 0 Other;
Claim 40; Page 101; 234pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Disclosure; Fig 17; 60pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                               BP.
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                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                          Local Similarity
nes 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20-FEB-2003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABT14274;
                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 654
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          extension of oligonucleotide primers, comprises 2 oligonucleotides in solution, 2 attached to supports and both share complementary sequences.
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                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                   88
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                                                                                                                                                                                                                                                                                                                                                                                   Nucleic acid PCR amplification method-related RAPD PCR primer #132.
                                                                                                                                                                                                                                                                                                                                                                                                                             Nucleic acid amplification, nucleic acid analysis, DNA analysis, s
RNA analysis, RAPD, PCR, primer, random amplified polymorphic DNA.
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                                                Indels
    43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10 BP; 3 A; 3 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43.8%; Score 7; DB 1; Len 100.0%; Pred. No. 3.4e+02; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Disclosure; Fig 17; 60pp; English.
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100.0%; Fi
                                                                                                                                                                                                                                                   ABT14362 standard; DNA; 10 BP.
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                                                                                                                                                                                                                                                                                                                                          (first entry)
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                                                    Conservative
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Best Local Similarity
7; Conserve
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                                                                                           9 GGCATCG 15
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Query Match
Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ~
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unidentified.
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                                                                                                                                                                                                                                                                                              ABT14362;
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The invention describes a purified and isolated gustducin alpha subunit polypeptide (I), fragment or variant possessing at least one ligand/antiligand binding activity or immunological property specific to gustducin. (I) is useful for identifying a peptide ligand/antiligand of gustducin, by contacting (I) with peptides and isolating peptides which bind to (I), and for identifying taste modifying agent. An antibody is useful for modifying taste which involves delivering Ab to taste receptor cell. The antibody is useful for purifying (I) and for blocking or inhibiting ligand/antiligand binding activities of gustducin. This sequence represents an adaptor used in the clonining of DNA encoding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Corneal epithelium; trefoil protein; intestinal trefoil factor; ITF; spasmolytic peptide; SP; pS2; corneal ulcer; eye surgery; traumatic physical injury; chemical exposure; peptic ulcer disease; ultraviolet light exposure; inflammatory bowel disease; eye disorder; gastrointestinal motility; corneal epithelial wound healing; antiulcer; antiinflammatory; ophthalmological; ds.
                                                                                                                                                                                                                                                                                                                                                                                                                                        Novel gustducin alpha-subunit polypeptide possessing ligand/antiligand binding activity or immunological property specific to gustducin, for identifying peptide ligand/antiligand of gustducin and taste modifying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 7; Conservative 0; Mismatches 0; Indels
                sete; taste modification; gustducin alpha subunit;
igand binding activity; antiligand binding activity;
protein alpha subunit; conserved region; adaptor; da.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10 BP; 0 A; 4 C; 6 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA sequence for addition to 5'end of primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 1; Page 4; 27pp; English.
                                                                                                                                                                                                                          92US-00868353.
93US-00045801.
95US-00407804.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ACA62967 standard; DNA; 10 BP.
                                                                                                                                                                                          21-FEB-2001; 2001US-00789996
                                                                                                                                                                                                                                                                               98US-00124807
99US-00421796
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                                                                                                                                                                                                                                                                                                                                    (LING-) LINGUAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2003-466043/44.
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                                                                                                                        US2003013119-A1
                                                                                                                                                                                                                                                                                                                                                                       Margolskee RF;
                                                                                                                                                                                                                                             08-APR-1993;
20-MAR-1995;
28-JUL-1998;
                                                                                                                                                                                                                              09-APR-1992;
                                                                                                                                                                                                                                                                                                   20-OCT-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26-AUG-2003
                                                                                                                                                         16-JAN-2003
                                                                                     Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Synthetic
                    Taste;
ligand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 agent.
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Gaps ..

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The present invention relates to a method for the treatment of a disruption of the corneal epithelium in a patient. The method involves administering to the patient's eye a trefoil protein including intestinal trefoil factor (ITF), spasmolytic peptide (SP), pS2, or their biological fragments. The method is useful for the treatment of a disruption of the corneal epithelium in a patient. It is useful for treating corneal ulcer, or a disorder caused by traumatic physical injury, eye surgery, chemical exposure, or ultraviolet light exposure. It can also be used for treating peptic ulcer diseases, inflammatory bowel diseases, and eye disorders. The use of intestinal trefoil factor alters gastrointestinal motility in a mammal or enhances corneal epithelial wound healing. The present DNA sequence can be added to the 5'end of a primer to engineer a restriction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Treatment of disruption of corneal epithelium in patient by administering
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cell proliferative disorder; central nervous system disorder; infection; gastrointestinal tract disease, respiratory system disease; inflammation; sexual malfunction; ulcerative colitis; psychotic disorder; hypertension; cardiovascular disorder; immune disorder; Hodgkin's disease; drug abuse; behavioural problem; metabolic disorder; Huntington's disease; dementa, skin disorder; cancer; lesion; autism; therapy; arbitrarily-primed PCR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             to the eye of the patient trefoil protein including intestinal trefoil factor, spasmolytic peptide, pS2, or their biological fragments.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 10;
. 3.4e+02;
ches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10 BP; 0 A; 4 C; 6 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    43.8%; Score 7; DB 1
100.0%; Pred. No. 3.4
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Example 3; Col 13; 31pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BP.
                                                                                                                                                                                                                             99US-00313434.
                                                                                                                                                               99US-00313434
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       43.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAD58326 standard; DNA; 10
                                                                                                                                                                                                                                                                                               (GEHO ) GEN HOSPITAL CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20-NOV-2003 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 100 ies 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 2003-491768/46.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GGCCGCC 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGCGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO2003064701-A2.
                               US6525018-B1
                                                                                                                                                               17-MAY-1999;
                                                                                                                                                                                                                          17-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                 Podolsky DK;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
                                                                                             25-PEB-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        07-AUG-2003.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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110 AAD5
XX AC AAD5
XX
XX 20-N
XX
XX C0-10
DE GC5
DE GC5
DE GX
XX
XX C0-11
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XX C0-11
XX C0-12
XX C0-12
XX C0-13
XX C0-
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7. 3.

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Designing zinc finger protein that has three zinc fingers from N-terminus and C-terminus that bind to subsites in 3' to 5' direction, in a target site, by selecting zinc fingers that bind their respective subsites.
                                                                                                                                 Disclosure; Page 20; 34pp; English.
                                                         WPI; 2003-567233/53.
            (FING/) FIN O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23-MAR-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 24-MAR-1999;
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30-JUL-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    30-JUL-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic
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                                                                                                                                                                                                                                                                                                                                                                                                               ADA63670;
                                                                                                                                                                                                                                                   Query Match
Best Local S
                                    Liu Q;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Liu Q;
                                                                                                                                                                                                                                                                                                                                                               RESULT 660
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                                                                                                                                                                                                                                                                                                                                                                             ADA63670
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                                                                                                                                                                                                                                                                                                                           셤
                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to a method for identifying a reliable diagnostic, prognostic or staging marker for phenotypic conditions characterised by altered DNA methylation. The method involves obtaining a set of at least two genomic DNA samples, identifying primary differentially methylated CG dinucleotide sequence position and confirming the class-confirming the class-confirming the class-confirming the class-confirming the class-confirming marker for phenotypic conditions characterised by altered DNA cmethylation e.g cell proliferative disorders, metabolic disorders, central nervous system disorders, immune disorders, cardiovascular clasorders e.g. hypertension, disease of the respiratory system, sexual calsorders, inflammation, infection, drug abuse, behavioural conference in systhetical disorders, hodgkin's disease, cancer, autism, culcerative collits or Huntington's disease. The method is also useful for treating the above mentioned disorders. The present sequence is a primer colling and primer process. The present sequence is used
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                Identifying a reliable diagnostic, prognostic or staging marker for phenotypic conditions characterized by altered DNA methylation, e.g., cancer, comprises obtaining a set of at least two biological samples in each case having genomic DNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                     43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                multi-finger zinc finger protein; improved affinity;
improved specificity; enhanced biological activity.
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10 BP; 0 A; 3 C; 7 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ds; target sequence; zinc finger protein;
                                                                                                                                                                                                                                                                                                                                                                                      in the exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Zinc finger target sequence DNA #433.
                                                                                                                                           Example 1; Page 43; 87pp; English.
                                 Schweikhardt RG;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               99US-0126238P.
99US-0126239P.
99US-0146595P.
99US-0146615P.
2000US-00535008.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20-NOV-2001; 2001US-00990186
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                                                                                                                                                                                                                                                                                                                                                                                                                                      43.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADA63669 standard; DNA; 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
        (EPIG-) EPIGENOMICS AG
                                                         WPI; 2003-618367/58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GGCGGC 11
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                                Sledziewski A,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       30-JUL-1999;
30-JUL-1999;
23-MAR-2000;
20-NOV-2000;
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24-MAR-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20-NOV-2003
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The invention relates to a method of designing a zinc finger protein. The method is useful for designing a zinc finger protein. The method provides multi-finger zinc finger proteins with improved affinity and specificity for their target sequences, as well as enhanced biological activity. The present sequence represents a zinc finger protein DNA target sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Designing zinc finger protein that has three zinc fingers from N-terminus and C-terminus that bind to subsites in 3' to 5' direction, in a target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The invention relates to a method of designing a zinc finger protein. The method is useful for designing a zinc finger protein. The method provides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a target
                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and C-terminus that bind to subsites in 3' to 5' direction, in a tar
site, by selecting zinc fingers that bind their respective subsites.
                                                                                                                                                                                                                                                                                                                                          ;
0
                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                    43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ds; target sequence; zinc finger protein; multi-finger zinc finger protein; improved affinity; improved specificity; enhanced biological activity.
                                                                                                                                                                                                        Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Zinc finger target sequence DNA #434.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Disclosure; Page 20; 34pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADA63670 standard; DNA; 10 BP.
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                                                                                                                                                                                                                                                                                                       Local Similarity 100.
nes 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                GGCGGCA 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GGCGCCA 9
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12-FEB-2004 (first entry)
                                                                                                                                                       US2003186886-A1.
                                                                                                                                                                                                                   12-APR-1996;
                                                                                                                                                                           02-OCT-2003
                                                                                                                                                                                                                                                                                                  Podolsky DK;
                                                                                                                                     Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABZ95037
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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multi-finger zinc finger proteins with improved affinity and specificity for their target sequences, as well as enhanced biological activity. The present sequence represents a zinc finger protein DNA target sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to novel monobactam compounds. A compound of the invention has antibacterial activity, and acts as a PBP2a inhibitor. The compounds are used as antibacterial agents. The monobactam compounds restore sensitivity of methicillin resistant Staphylococcus aureus to lactam antibiotic by targeting the molecular mechanism of resistance. The present sequence is used in the exemplification of the invention.
                                                                                  Gaps
                                                                                                                                                                                                                                                      ss; monobactam; antibacterial; PBP2a; inhibitor; methicillin resistant Staphylococcus aureus; MRSA; lactam antibiotic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                   New monobactam compounds used as antibacterial agents against e.g. methicillin resistant Staphylococcus aureus.
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                                                                                 0; Indels
                                                           43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 7; DB 1; Length 10;
Pred. No. 3.4e+02;
                                         Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10 BP; 0 A; 2 C; 5 G; 3 T; 0 U; 0 Other;
                                                                                                                                                                                                                                    Monobactam related tethered diene SEQ ID NO:27.
                                                                                                                                                                                                                                                                                                                                                                                                             Dewey T;
                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 6; SEQ ID NO 27; 64pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                            Nieuwlandt D,
                                                                                                                                                                       ADC17777 standard; DNA; 10 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BP.
                                                                     Local Similarity 100.0%; les 7; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              43.8%;
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                                                   6 GGCGGCA 12
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                                                                                                                     GGCGGCA 9
                                                                                                                                                                                                                                                                                                        WO2003051314-A2
                                                                                                                                                                                                                18-DEC-2003
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                                                                                                                                                                                                                                                                                     Synthetic
                                                                                                                                                                                           ADC1777;
                                                                                                                                                                                                                                                                                                                                                                                                            Eaton B,
                                                              Query Match
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                                                                      Best Loc
Matches
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The invention describes a method of treating an eye disorder comprising administering to the eye a trefoil protein from intestinal trefoil factor (TTF), spsamoltic peptide (SP), pS2 or their biologically active fragments. The method is used for treating eye disorders such as superficial punctate keratitis, keratitis sica, trachoma, herpes simplex keratoconjunctivitis, cophthalmic herpes zoster, phyctennlar keratoconjunctivitis, keratoconcus or clastricial pemphigoid. The eye disorder is caused by an infection of bacteria, virus or fungi. The virus of conjunctival epithelium or inflammation of the soleral epithelium. The method provides a protective effect on the digestive tract, and the ITF promotes the maintenance of mucosal integrity and can also be used to inhibit adhesion or colonisation of the mucosa by Helicobacter pylori. This sequence represents an oligonucleotide associated with the creation of a human intestinal cDNA library for isolation of CDNA encoding human intestinal trefoil factor (TTF). Note: This sequence differs from SEQ ID
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                                                                       antiinflammatory; ophthalmological; virucide; fungicide; antibacterial; eye disorder; intestinal trefoil factor; ITF; spasmolyric peptide; SP; pS2; superficial punctate keratitis; keratitis sica; trachoma; herpes simplex keratoconjunctivitis; ophthalmic herpes zoster; phlyctenular keratoconjunctivitis; ophthalmic herpes zoster; infection; adenovirus; herpes simplex virus; inflammation; conjunctival epithelium; scleral epithelium; digestive tract; human; intestinal cDNA library; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Treatment of eye disorder comprises administration of trefoil protein from intestinal trefoil factor, spasmolytic peptide, pS2 or their
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Human intestinal cDNA library associated DNA.
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17-MAY-1999; 99US-00313434.
06-DEC-2002; 2002US-0031362.
19-FEB-2003; 2003US-00362310.
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Human, antisense; lung dysfunction, nasal airway dysfunction; antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic; antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy; antisense gene therapy; respiratory; lung; adenosine sensitivity; adenosine receptor; bronchodilation; bronchoconstriction; lung allergy; lung inflammation; respiratory disease; ds.
                                                                       Human adenosine Al receptor antisense fragment no.890.
                                                                                                                                                                                                                                                                                                                                                                                                                                               23-APR-2002; 2002WO-US013135.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                24-APR-2001; 2001US-0286137P.
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                       17-OCT-2003 (first entry)
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The invention relates to a novel pharmaceutical composition, which has a first active agent comprising an oligonucleotide antisense to the intiation codon, coding region, 5' or 3' end genomic flanking regions, 5' and 3' intron-exon junctions, 5' or 2' end genomic flanking regions, 5' intron-exon junctions or regions within 2-10 nucleotides of junctions of genes encoding a polypeptide associated with lung and/or nasal airway dysfunction and a second active agent comprising an antiinflammatory, antiallergic, antiasthmatic, hypotensive, immunosuppressive, and cytostatic activity. The composition of the invention case in antisense gene therapy. The composition is useful for treating or preventing a respiratory, lung or mallignant disease or condition, also for enhancing the prophylactic or therapeutic respiratory effect of an antisinflammatory steroid in a subject, for reducing levels of adenosine receptor, producing bronchodilation, increasing levels of adenosine receptor, producing bronchodilation, increasing levels of ubiquinone or lung surfactant in a subject stissue, or treating bronchoconstriction, lung allergies, or a respiratory disease or condition. Once: The sequence data for this patent is not represented in the printed specification, but was obtained in electronic format directly from WIPO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
                                                                                                                Human; antisense; lung dysfunction; nasal airway dysfunction; antiinflammatory; steroid; ubiquinone; antiinflammatory; antiallergic; antiasthmatic; pypotensive; immunosuppressive; cytostatic; gene therapy; antisense gene therapy; respiratory; lung; adenosine sensitivity; adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Katz E, Pabalan J, Aguilar D;
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                                                                       Human adenosine Al receptor antisense fragment no.900.
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                                                                                                                                                                                                                                              lung inflammation; respiratory disease; ds.
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Tang L, Shahabuddin S;
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Aguilar D;

Pabalan J,

Katz E,

Li Y, Sandrasagra A, Ka Tang L, Shahabuddin S;

Li Y,

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The invention relates to a novel pharmaceutical composition, which has a first active agent comprising an oligonucleotide antisense to the initiation codon, coding region, 5' or 3' end genomic flanking regions, 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of junctions of genes encoding a polypeptide associated with lung and/or nasal airway dysfunction and a second active agent comprising an antiinflammatory steroid and ubiquinone. A composition of the invention has antiinflammatory, antiallergic, antiasthmatic, hypotensive, immunosuppressive, and cytostatic activity. The composition may have a cuse in antisense gene therapy. The composition may have a cuse in antisense gene therapy. The composition may have a mininflammatory steroid in a subject, for reducing or requiring or preventing a respiratory, lung or malignant disease or condition, also for enhancing the prophylactic or therapeutic respiratory effect of an antisinflammatory steroid in a subject, for reducing levels of adenosine receptor, producing bronchodilation, increasing levels of adenosine receptor, producing bronchodilation, increasing levels of ubiquinone or lung inflammation, lung allergies, or a respiratory disease or condition, lung inflammation, but was obtained in electronic format directly from WIPO
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Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
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                                                                                                                                                                                                           Disclosure; SEQ ID NO 10269; 872pp; English.
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ABZ95046
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Matches

2 GGCGGGC 8

ઠ 요 ABZ95027 standard; DNA; 10 BP.

RESULT 664

ABZ95027

Human, antisense, lung dysfunction, nasal airway dysfunction, antiinflammatory, steroid, ubiquinone, antiinflammatory, antiallergic; antisathmatic; hypotensive; fumunosuppressive, cytostatic; gene therapy, antisense gene therapy; respiratory, lung; adenosine sensitivity; adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;

lung inflammation; respiratory disease; ds.

Human adenosine A2b receptor antisense fragment no.1674.

17-OCT-2003 (first entry)

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Pharmaceutical composition for treating allments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
                                                       Human; antisense; lung dysfunction; nasal airway dysfunction; antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic; antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy; antisense gene therapy; respiratory; lung; adenosine sensitivity; adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
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                                 Human adenosine Al receptor antisense fragment no.909.
                                                                                                                                                                                                                                                                                          Sandrasagra A, Katz E, Pabalan J,
L, Shahabuddin S;
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                                                                                                                       lung inflammation; respiratory disease; ds.
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           (first entry)
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Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or

Disclosure; SEQ ID NO 11058; 872pp; English.

ubiquinone

Aguilar D;

Katz E, Pabalan J,

Sandrasagra A,

Li Y, San Tang L,

Miller S, B

Nyce

WPI; 2003-229219/22.

23-APR-2002; 2002WO-US013135. 24-APR-2001; 2001US-0286137P. (EPIG-) EPIGENESIS PHARM INC

WO200285308-A2 Homo sapiens.

31-OCT-2002.

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Pred. No. 3.4e+02;
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Best Local Similarity 100.
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ABZ95816 standard; DNA; 10

RESULT 666

ઠ d ABZ95816;

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The invention relates to a novel pharmaceutical composition, which has a first active agent comprising an oligonucleotide antisense to the initiation coodon, coding regalon, 5' or 3' end ganomic flanking regions, 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of junctions of genes encoding a polypeptide associated with lung and/or nasal airway dysfunction and a second active agent comprising an antiinflammatory steroid and ubiquinone. A composition of the invention has antiinflammatory, antiallergic, antiathmatch, hypotensive, immunosuppressive, and cytostatic activity. The composition may have a use in antisense gene therapy. The composition is useful for treating or preventing a respiratory, lung or malignant disease or condition, also for enhancing the prophylactic or therapeutic respiratory effect of an antiinflammatory steroid in a subject, for reducing levels of adenosine receptor, producing bronchodilation, increasing levels of adenosine receptor, producing bronchodilation, increasing bronchoconstriction, increasing and producing bronchoconstriction, increasing and a subject of a 
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100.0%; Pred. No. 3.4e+02;
tive 0; Mismatches 0;
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100.0%; Pic
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Human; cancer; colon cancer; haematologic cancer; lung cancer; prostate cancer; skin cancer; thyroid cancer; ovarian cancer; K-RAS oncogene; K-RAS expression; cancer cell proliferation; mutation-activated K-RAS expression; cytostatic; ds.
                                                                Human K-RAS oncogene DNA nucleotides 138-147.
                                                                                                                                                                                                                                                                                                                                                                                                           07-MAY-2001; 2001US-0289166P.
                                                                                                                                                                                                                                                                                                                                                              07-MAY-2002; 2002US-00141263
                   10-MAY-2003 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                        (WICK/) WICKSTROM E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2003-288145/28.
                                                                                                                                                                                                                                                                        US2002165196-A1.
                                                                                                                                                                                                                             Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Wickstrom E;
                                                                                                                                                                                                                                                                                                                   07-NOV-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        expression.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The invention relates to a novel pharmaceutical composition, which has a first active agent comprising an oligonucleotide antisense to the initiation codon, coding region, 5' or 3' end genomic flanking regions, 5' and 3' incron-exon junctions, 5' or 2' end genomic flanking regions, 5' incron-exon junctions or regions within 2-10 nucleotides of junctions of genes encoding a polypeptide associated with lung and/or nasal airway dysfunction and a second active agent comprising an antiinflammatory steroid and ubiquinone. A composition of the invention has antiinflammatory, antiallergic, antiasthmatic, hypotensive, cuse in antisense gene therapy. The composition is useful for treating or preventing a respiratory, lung or mallignant disease or condition, also for enhancing the prophylactic or therapeutic respiratory effect of an entith ammatory steroid in a subject, for reducing levels of adenosine receptor, producing bronchodilation, increasing levels of adenosine receptor, producing bronchodilation, increasing levels of ubiquinone or lung suffactant in a subject stissue, or treating bronchoconstriction, lung allergies, or a respiratory disease or condition. Note: The sequence data for this patent is not represented in the printed process or condition.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
                                                                                                    Human; antisense; lung dysfunction; nasal airway dysfunction; antiinflammatory; atteroid; ubiquinone; antiinflammatory; antiallergic; antiasthmatic; hypotensive; immunosuppressive; cytostatifo; gene therapy; antisense gene therapy; respiratory; lung; adenosine sensitivity; adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
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                                                             Human adenosine Al receptor antisense fragment no.879.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Disclosure; SEQ ID NO 10258; 872pp; English.
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                                                                                                                                                                                                                           lung inflammation; respiratory disease; ds.
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Tang L, Shahabuddin S;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        24-APR-2001; 2001US-0286137P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (EPIG-) EPIGENESIS PHARM INC.
                (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Li Y,
                                                                                                                                                                                                                                                                                                                 WO200285308-A2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nyce JW,
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                                                                                                                                                                                                                                                                                                                                                                                                                                 oligonucleotides are also useful for research purposes, or for modulating mutation-activated K-RAS expression in ovarian, colon, lung, thyroid, prostate, skin, or haematologic cancer cells. The present sequence represents human K-RAS oncogene DNA nucleotides 138-147 to which antisense oligonucleotides can be targeted
Preventing or treating cancer, e.g. colon cancer, lung cancer or ovarian cancer, comprises administering to a mammal an oligonucleotide targeted to a nucleic acid encoding human K-RAS oncogene, and modulating K-RAS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human K-RAS oncogene antisense oligonucleotide KRAS8.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Pred. ...
                                                                                                                                                             Disclosure; Page 10; 14pp; English
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ABX11772 standard; DNA; 10 BP.

RESULT 668

ABX11772

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                                                                                                                                                                                                                        The present invention relates to a method for preventing or treating cancers, such as colon, haematologic, lung, prostate, skin, thyroid, or preferably ovarian cancer. The method comprises administering an antisense oligonucleotide targeted to a nucleic acid encoding human K-RAS oncogene, and modulating K-RAS expression. The oligonucleotides and method of the invention inhibit cancer cell proliferation, and are useful for preventing or treating cancers such as those mentioned above. The oligonucleotides are also useful for research purposes, or for modulating mutation-activated K-RAS expression in ovarian, colon, lung, thyroid, prostate, skin, or haematologic cancer cells. The present sequence represents an antisense oligonucleotide of the invention
                                                                                                                                                   Preventing or treating cancer, e.g. colon cancer, lung cancer or ovarian cancer, comprises administering to a mammal an oligonucleotide targeted to a nucleic acid encoding human K-RAS oncogene, and modulating K-RAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      zinc finger protein; triplet target subsite; zinc finger motif; sp-1; ds.
                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Synthetic zinc finger protein target DNA #433.
                                                                                                                                                                                                       Claim 19; Page 4; 14pp; English
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24-MAR-1999; 99US-0126239P.
30-UUJ-1999; 99US-0146555F.
30-UUL-1999; 99US-0146615P.
23-MAR-2000; 2000US-00535008.
20-NOV-2000; 2000US-0053608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADM22167 standard; DNA; 10 BP.
                                                 07-MAY-2002; 2002US-00141263
                                                                    07-MAY-2001; 2001US-0289166P
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Best Local Similarity 100.
Matches 7; Conservative
                                                                                        (WICK/) WICKSTROM E.
                                                                                                                                 WPI; 2003-288145/28
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          US2002165196-A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unidentified.
                                                                                                             Wickstrom E;
                             07-NOV-2002
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                                                                                                                                                                                     expression.
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The invention describes a new zinc finger protein that binds to a target site comprising a first (F1), a second (F2) or a third (F3) zinc finger, ordered F1. F2 and F3 from N-terminus to C-terminus. The target site comprises, in the 3' to 5' direction, first (S1), second (S2) and third (S3) target subsites. The zinc finger proteins can be used for most position of the subsite, that has been optimised with respect to the location of the subsite, that has been optimised with respect to the location of the subsite within the target site. This sequence represents the target polynucleotide of a synthetic zinc finger protein of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          zinc finger protein; triplet target subsite; zinc finger motif; sp-1; ds.
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                                                New zinc finger protein used for recognizing triplet target subsites having nucleotide G in 5'-most position of subsite, that has been optimized with respect to location of subsite within target site.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic zinc finger protein target DNA #434.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.8%; Score 7; DB 1
100.0%; Pred. No. 3.4
ive 0; Mismatches
                                                                                                                                                          Example 6; SEQ ID NO 1640; 48pp; English
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99US-0146615P.
2000US-00535008.
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WPI; 2003-843091/78
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30-JUL-1999;
23-MAR-2000;
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24-MAR-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         invention.
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ö site comprising a first (FI), a second (F2) or a third (F3) zinc finger, ordered F1, F2 and F3 from N-terminus to C-terminus. The target site comprises, in the 3' to 5' direction, first (S1), second (S2) and third (S3) target subsites. The zinc finger proteins can be used for recognising triplet target subsites having the nucleotide G in the 5'-most position of the subsite, that has been optimised with respect to the location of the subsite within the target site. This sequence represents the target polynucleotide of a synthetic zinc finger protein of the eye in a patient comprising administering a trefoil protein to the eye of the patient. The trefoil protein is intestinal trefoil factor (ITF), pancreatic spasmolytic peptide (PSP), pSS or their biologically active fragments. The disruption is caused by microbial infection (viral, bacterial, or fungal infection). The viral infection is adenoviral infection or herpes simplex virus infection. The trefoil proteins of the invention are resistant to destruction in the dispestive tract and effectively treat eye diseases (e.g. corneal ulcer, ocular inflammatory disease) and have the ability to enhance corneal epithelial wound intestinal trefoil factor; pancreatic spasmolytic peptide; PSP; The invention relates to treating the disruption of the epithelium of the ps2; antinflammatory; ophthalmological; antibacterial; antiemetic; cytostatic; immunosuppressive; tranquiliser; vulnerary; antiapoptotic; eye epithelium; microbial infection; viral infection; antiapoptotic; bacterial infection; fungal infection; adenoviral infection; herpes simplex virus infection; eye disease; corneal ulcer; ocular inflammatory disease; corneal epithelial wound healing; diseative tract disorder; gastritis; ulcer; gastric cancer; MALT lymphoma; Menetrier's disease; inflammatory bowel disease. Gaps Treating disruption of epithelium of patient's eye comprises administering trefoil protein, e.g. intestinal trefoil factor to ; 0 Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 7; Conservative 0; Mismatches 0; Indels Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other; Example 3; SEQ ID NO 5; 33pp; English. ADM29239 standard; DNA; 10 BP. 06-DEC-2002; 2002US-00313642. 99US-00313434. NotI site for cDNA cloning (first entry) WPI; 2003-897264/82. GGCGGCA 12 GGCGGCA 9 (PODO/) PODOLSKY D US2003134797-A1. patient's eye 17-MAY-1999; 20-MAY-2004 Podolsky DK; 17-JUL-2003 Synthetic. Invention 9 ADM29239; RESULT 672 8886666666888 ò 셤 

ö comprising oligonucleotides, effective for alleviating brines active agent, bronchoconstriction, respiratory tract inflammation, allergies and reducing adenosine sensitivity, levels of adenosine (A) or (A) receptors, surfactant depletion or hyposecretion, when administered to a mammal. The oligonucleotides are derived from a gene encoding or regulating expression of a target polypeptide associated with lung airway or lung dysfunction or cancer and can be anti-sense to the corresponding mRNA. The invention also describes a kit, that comprises: (a) a delivery device, in separate containers, (b) the oligonucleotides, (c) instructions for adding a carrier and for use of the kit. The composition of the invention has antiallergic, antiinflammatory, antiaethmatic, analgesic, hypotensive, immunosuppressive and cytostatic activity, is a Human; antisense; bronchoconstriction; allergy; hyposecretion; pain; respiratory tract inflammation; adenosine sensitivity; lung; cancer; surfactant depletion; antiallergic; antiinflammatory; antiasthmatic; analgesic; hypotensive; immunosuppressive; cytostatic; cystic fibrosis; beta-adrenergic agonist; respiratory disease; pulmonary vasoconstriction; respiratory distress syndrome; allergic rhinitis; pulmonary hypertension; emphysema; chronic obstructive pulmonary disease; cancer; bronchitis; pulmonary transplantation rejection; ds. healing. The proteins are also useful in treating digestive tract disorders e.g. gastritis, ulcers, gastric cancer, MALT lymphoma. Menetrier's disease and inflammatory bowel disease. The present sequence is a NotI site which may be engineered onto isolated cDNA to facilitate invention describes a novel composition (a) a first active agent, Gaps ţ, oligonucleotide containing less percentage of adenosine, targeted t nucleic acids associated with lung airway or lung dysfunction, and ö Pabalan J, Aguilar Pharmaceutical composition for treating asthma, has antisense Human adenosine Al receptor oligonucleotide fragment 890. 0; Indels Length 10; Sequence 10 BP; 0 A; 4 C; 6 G; 0 T; 0 U; 0 Other; DB 1; Le 0; Mismatches Claim 15; SEQ ID NO 10269; 763pp; English. ы́ Score 7; D Pred. No. Katz Tang L, Shahabuddin S; Sandrasagra A, ABD18875 standard; DNA; 10 BP. 43.8%; ( 23-APR-2002; 2002WO-US013143. 24-APR-2001; 2001US-0286036P (EPIG-) EPIGENESIS PHARM INC 29-JUL-2004 (first entry) 7; Conservative bronchodilating agent WPI; 2003-093058/08. GGCCGC 11 Query Match Best Local Similarity 1 GGGCGGC 7 Li Y, WO200285309-A2. Homo sapiens. 31-OCT-2002 Miller S, 'n ABD18875; Nyce JW, cloning RESULT 673 Matches ABD18875 88888888 à ద 

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treating a respiratory, lung or malignant disease. The administered composition comprises oligo and is administered to reduce the production or availability, or to increase the degradation of the target mRNA or to reduce the amount of target polypeptide present in the lungs. The pulmonary obstruction, and/or bronchoconstriction and/or lung inflammation, allergies and/or bronchoconstriction and/or lung inflammation, allergies, asthma, impeded respiration, respiratory distress syndrome, pain, cystic fibrosis, allergies, pulmonary transplantation rejection, pulmonary infections, bronchitis or cancer. The reduced adenosine content of the anti-sense oligos corresponding to thymidines present in the target RNA serves to prevent the breakdown of the oligonucleotides into products that free adenosine into the system e.g., lung, brain, heart, kidney, etc, tissue environment and thereby, to prevent any unwanted effects due to it
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Tang L, Shahabuddin S;
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This invention describes a novel composition (a) a first active agent,

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WO200285309-A2

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Interior describes a movel composition (a) a first active agent, bronchoconstriction, respiratory tract inflammation, allergies and reductionstriction, respiratory tract inflammation, allergies and reductions described as essensitivity, levels of adenosine (A) or (A) receptors, surfactant depletion or hyposecretion, when administered to a mammal. The oligonucleotides are derived from a gene encoding or regulating expression of a target polypeptide associated with lung airway or lung expression of a target polypeptide associated with lung airway or lung of yetunction also describes a kit, that comprises: (a) a delivery device, in separate containers, (b) the oligonucleotides, (c) instructions for adding a carrier and for use of the kit. The composition of the invention has antiallargic, antiinflammatory, antiasthmatic, analgesic, hypotensive, immunosuppressive and cytostatic activity, is a composition nomposition is useful for preventing or treating a respiratory, lung or malignant disease. The administered composition comprises oligo and is administered to reduce the production or availability, or to increase the degradation of the target mRNA or to reduce the amount of target polypeptide present in the lungs. The pulmonary obstruction, and/or bronchoconstriction and/or lung inflammation, allergies and/or surfactant hypoproduction are associated
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                                                                                                               Pharmaceutical composition for treating asthma, has antisense
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Tang L, Shahabuddin S;
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                                                    WPI; 2003-093058/08
Miller S,
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Gaps ; 0 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; Sequence 10 BP; 1 A; 3 C; 5 G; 1 T; 0 U; 0 Other; 100.0%; Pred. No. Query Match Best Local Similarity 100. 8 2555255 8 8

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ABD18967 standard; DNA; 10 BP. (first entry) 29-JUL-2004 ABD18967; RESULT 676 ABD18967/
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Human adenosine A2b receptor oligonucleotide fragment 1674.

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analgesic; hypotensive; immunosuppressive; cytostatic; cystic fibrosis; beta-adrentaric agonist; respiratory disease; pulmonary vasconserriction; respiratory distress syndrome; allergic rhinitis; pulmonary hypertension; emphysema; chronic obstructive pulmonary disease; cancer; bronchitis; Human; antisense; bronchoconstriction; allergy; hyposecretion; pain; respiratory tract inflammation; adenosine sensitivity; lung; cancer; surfactant depletion; antiallergic; antiinflammatory; antiasthmatic; pulmonary transplantation rejection; ds

Homo sapiens

This invention describes a novel composition (a) a first active agent, comprising oligonucleotides, effective for alleviating comprising oligonucleotides, effective for alleviating comprising oligonucleotides, effective for advantage denosine sensitivity, levels of adenosine (A) or (A) receptors, ceducing adenosine sensitivity, levels of adenosine (A) or (A) receptors, curfactant depletion or hyposecretion, when administered to a mammal. The oligonucleotides are derived from a gene encoding or regulating cyfunction or cancer and can be anti-sense to the corresponding mkNA. The invention also describes a kit, that comprises: (a) a delivery device, in separate containers, (b) the oligonucleotides, (c) instructions for adding a carrier and for use of the kit. The composition of the invention has antiallergic, antiinflammatory, antiasthmatic, analgesic, hypotensive, immunosuppressive and cytostart activity, is a correcting a respiratory, lung or malignant disease. The administered composition comprises oligo and is administered to reduce the production or availability, or to increase the degradation of the target mRNA or to creduce the amount of target polypeptide present in the lungs. The pulmonary obstruction, and/or surfactant hypoproduction are associated with a disease or condition such as pulmonary vasoconstriction; inflammation, allergies, asthma, impeded respiration, respiratory confirmation rejection, pulmonary infections, bronchitis or cancer. The reduced adenosine content of the anti-sense oligos corresponding to the maniferent of the anti-sense oligos corresponding to the mindient and thereby, to the resume the anti-sense oligos corresponding to the mindient and the target RNA serves to prevent the breakdown of the correct of the entire mention and thereby, etc., tissue environment and thereby, to Gaps S Pharmaceutical composition for treating asthma, has antisense oligonucleotide containing less percentage of adenosine, targeted trucleic acids associated with lung airway or lung dysfunction, and Katz E, Pabalan J, Aguilar D; ; 0; Indels Score 7; DB 1; Length 10; Fred. No. 3.4e+02; Sequence 10 BP; 0 A; 6 C; 4 G; 0 T; 0 U; 0 Other; 0; Mismatches Claim 15; SEQ ID NO 11058; 763pp; English. prevent any unwanted effects due to it Li Y, Sandrasagra A, Ka Tang L, Shahabuddin S; 43.8%; 5 ABD18894 standard; DNA; 10 BP. 23-APR-2002; 2002WO-US013143. 24-APR-2001; 2001US-0286036P (EPIG-) EPIGENESIS PHARM INC 29-JUL-2004 (first entry) 7; Conservative bronchodilating agent. WPI; 2003-093058/08. Query Match Best Local Similarity σ 9 GCGGGCG 3 3 606666 31-OCT-2002 Nyce JW, ... ABD18894; RESULT 677 Matches ABD18894
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Human; antisense; bronchoconstriction; allergy; hyposecretion; pain; respiratory tract inflammation; adenosine sensitivity; lung; cancer; surfactant depletion; antiallergic; antiinflammatory; antiasthmatic; analgesic; hypotensive; immunosuppressive; cytostatic; cystic fibrosis; beta-adrenergic agonist; respiratory disease; pulmonary vasoconstriction; respiratory distress syndrome; allergic rhinitis; pulmonary hypertension; emphysema; chronic obstructive pulmonary disease; cancer; bronchitis; pulmonary transplantation rejection; ds.
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Human adenosine Al receptor oligonucleotide fragment 909.
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L, Shahabuddin S;
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Aguilar D;

Pabalan J,

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                               comprising oligonucleotides, composition, (a, a list active agence, comprising oligonucleotides, effective for alleviating bronchoconstriction, respiratory tract inflammation, allergies and bronchoconstriction, respiratory tract inflammation, allergies and reducing adenosine sensitivity, levels of adenosine (A) or (A) receptors, surfactant depletion or hyposecretion, when administered to a mammal. The oligonucleotides are derived from a gene encoding or regulating expression of a target polypeptide associated with lung airway or lung dysfunction or cancer and can be anti-sense to the corresponding mRNA. The invention also describes a kit, that comprises: (a) a delivery device, in separate containers, (b) the oligonucleotides, (c) instructions for adding a carrier and for use of the kit. The composition of the invention has antiallergic, antiinflammatory, antiasthmatic,
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invention describes a novel composition (a) a first active agent,
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This invention relates to a novel method for the optimisation of primer olibraries. Specifically, it refers to increasing the affinity of short oligonucleotide primers, also known as extendable oligos (BOs), for their template sequences. The present invention describes improved methods for sequencing and the linear and exponential amplification of DNA that can be useful for PCR, RT-PCR, ligation chain reaction (LCR), rolling circle amplification, strand displacement amplification and isochermal DNA amplification. Accordingly, these extendable oligos with improved specificity and affinity are particularly important in fields ranging from biotechnology and agriculture to medical research. This
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    oligonucleotide sequence is an extendable oligonucleotide that includes an adenine replacement 2,4 diaminopurine nucleotide analogue in the catch region, and is useful for both DNA sequencing reactions and PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Increasing the affinity of an extendable oligonucleotide (EO) for a target nucleic acid, for providing primers having improved specificity, comprises hybridization of the EO to a template oligonucleotide (TO) and extension of the EO.
                                                                                                                                              ss; primer library; extendable oligo; EO; ligation chain reaction; LCR; rolling circle amplification; strand displacement amplification; isothermal DNA amplification; biotechnology; agriculture; medical research; 2,4 diaminopurine nucleotide analogue; PCR; primer.
                                                                                                             Extendable oligo E102 for DNA sequencing and PCR amplification.
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100.0%; Pred. No. 3.4e+02;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                24-DEC-2002; 2002WO-AU001763.
                                                                                                                                                                                                                                                                                                                                                                                                    01-MAY-2002; 2002AU-00002045.
ADH57613 standard; DNA; 10
                                                                         (first entry)
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nes 7; Conserv
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                                                                         25-MAR-2004
                                                                                                                                                                                                                                                                                                                           13-NOV-2003.
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                                                                                                                                                                                                                                                 Synthetic.
                                   ADH57613;
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Matches
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ADH57601;

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Gaps

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43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; tive 0; Mismatches 0; Indels

Query Match
Best Local Similarity 100.0
Matches 7; Conservative

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                                                                                                                                                                                                                                                                                                                                                                                                       This invention relates to a novel method for the optimisation of primer libraries. Specifically, it refers to increasing the affinity of short oligonucleotide primers, also known as extendable oligos (EOS), for their template sequences. The present invention describes improved methods for sequencing and the linear and exponential amplification of DNA that can be useful for PCR, RT-PCR, ligation chain reaction (LCR), rolling circle amplification, strand displacement amplification and isothermal DNA amplification. Accordingly, these extendable oligos with improved specificity and affinity are particularly important in fields ranging from biotechnology and agriculture to medical research. This oligonucleotide sequence is an extendable oligonucleotide that includes an adenine replacement 2,4 diaminopurine nucleotide analogue in the catch region, and is useful for both DNA sequencing reactions and PCR amplification in an exemplification of the invention.
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                                                                                                                                                                                                                                                                                                                     Increasing the affinity of an extendable oligonucleotide (EO) for a target nucleic acid, for providing primers having improved specificity, comprises hybridization of the EO to a template oligonucleotide (TO) and
                                                        ss; primer library; extendable oligo; EO; ligation chain reaction; LCR; rolling circle amplification; strand displacement amplification; isothermal DNA amplification; biotechnology; agriculture; medical research; 2,4 diaminopurine nucleotide analogue; PCR; primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                   Extendable oligo E090 for DNA sequencing and PCR amplification.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10 BP; 0 A; 6 C; 3 G; 1 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Pred. ...
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                                                                                                                                                                                               24-DEC-2002; 2002WO-AU001763
                                                                                                                                                                                                                       01-MAY-2002; 2002AU-00002045
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Best Local Similarity 100..
                                                                                                                                                                                                                                                                     Tillett D, Thomas T;
                                                                                                                                                                                                                                              (NUCL-) NUCLEICS PTY
                                                                                                                                                                                                                                                                                              WPI; 2004-053046/05.
                                                                                                                                                                                                                                                                                                                                                            extension of the EO
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           25-MAR-2004
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                                                                                                                                                                      13-NOV-2003
                                                                                                                       Synthetic
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ADS76874
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gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin 1 and cystatin C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Diagnosing breast cancer comprises determining expression levels of a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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collagen antagonist; diagnosis; breast tissue; cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10 BP; 1 A; 2 C; 6 G; 1 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Example 2; SEQ ID NO 656; 149pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                         (DAND ) DANA FARBER CANCER INST INC.
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                                                                                                                                                                                                                                                                  22-MAR-2004; 2004WO-US008866
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Best Local Similarity 100.
Matches 7; Conservative
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                                                               Homo sapiens
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Query Match
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                                                                                                                                      The invention relates to a method of diagnosis (M1) comprising: (a) providing a test sample of breast tissue; (b) determining the level of expression in the test sample of a gene (e.g. interleukin-8, superoxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (c) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer
                                                       Diagnosing breast cancer comprises determining expression levels of a gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Diagnosing breast cancer comprises determining expression levels of a gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin
                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     88; primer; cytostatic; RNA interference; RNAi; gene silencing; antisense oligonucleotide inhibitor; cathepsin K inhibitor; cathepsin L inhibitor; cathepsin F inhibitor; metalloprotease 2 inhibitor; thrombospondin-2 antagonist;
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                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                           43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                       BP; 0 A; 6 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Breast cancer detection oligonucleotide #1086.
                                                                                                               Example 6; SEQ ID NO 1321; 149pp; English.
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                                                                                                                                                                                                                                used in the method of the invention.
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ADS77304 standard; DNA; 10 BP.
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                                                                                                                                                                                                                                                                                                      7; Conservative
             Porter D,
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                                 WPI; 2004-728732/71
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                                                                                                                                                                                                                                                                                         Local Similarity
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                                                                                           and cystatin C.
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                                                                                                                                                                                                                                                       Sequence 10
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                                                                                                                                                                                                                                                                             Query Match
            Polyak
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expression in the test sample of a gene (e.g. interleukin-8, superoxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (c) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer used in the method of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ss; primer; cytostatic; RNA interference; RNA; gene silencantisense oligonucleotide inhibitor; cathepsin K inhibitor; cathepsin L inhibitor; cathepsin F inhibitor; metalloprotease 2 inhibitor; thrombospondin-2 antagonist;
                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 10;
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Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    collagen antagonist; diagnosis; breast tissue; cancer
                                                                                                                                                                                                                                                                                                         Sequence 10 BP; 0 A; 6 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                   43.8%; Score 7; DB 1; Let 100.0%; Pred. No. 3.4e+02; ative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 100.
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gene selected from those
cells of a breast tissue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2004-728732/71.
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                                                                                                                                                                                                                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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30-DEC-2004 (first entry)
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Matches
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BXSXXXXXXXXXXXXXXXX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The invention relates to a method of diagnosis (M1) comprising: (a) providing a test sample of breast tissue; (b) determining the level of expression in the test sample of a gene (e.g. interleukin.9, superoxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (c) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer used in the method of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                               gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin 1
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Gaps
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                                                                                                                                                                              ss; primer; cytostatic; RNA interference; RNAi; gene silencing; antisense oligonuclectide inhibitor; cathepsin K inhibitor; cathepsin L inhibitor; cathepsin F inhibitor; metalloprotease 2 inhibitor; thrombospondin-2 antagonist; collagen antagonist; diagnosis; breast tissue; cancer.
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0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10 BP; 0 A; 6 C; 3 G; 1 T; 0 U; 0 Other;
                                                                                                                                                           Breast cancer detection oligonucleotide #1551.
Mismatches
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                                                                                             ADS77769 standard; DNA; 10 BP
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                                                                                                                                      (first entry)
7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                           Porter D,
                    GGGGGGC 11
                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2004-728732/71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5 GGGCGGC 11
                                        GGGGGGC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      cystatin C
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                                                                                                                                       30-DEC-2004
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                                                                                                                  ADS77769;
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                                                                         RESULT 684
Matches
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The invention relates to a method of diagnosis (M1) comprising: (a) providing a test sample of breast tissue; (b) determining the level of expression in the test sample of a gene (e.g. interleukin.8, superoxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (C) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer used in the method of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Diagnosing breast cancer comprises determining expression levels of a gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                             ss; primer; cytostatic; RNA interference; RNAi; gene silencing; antisense oligomucleotide inhibitor; cathepsin K inhibitor; cathepsin L inhibitor; cathepsin F inhibitor; metalloprotease 2 inhibitor; thrombospondin-2 antagonist; collagen antagonist; diagnosis; breast tissue; cancer.
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Pred. No. 3.4e+02;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10 BP; 1 A; 3 C; 6 G; 0 T; 0 U; 0 Other;
Breast cancer detection oligonucleotide #1927.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Breast cancer detection oligonucleotide #581.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 6; SEQ ID NO 1927; 149pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (DAND ) DANA FARBER CANCER INST INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Allinen M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22-MAR-2004; 2004WO-US008866.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              30-DEC-2004 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Porter D,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 2004-728732/71
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                                                                                                                                                                                                                                                                                                                                                    WO2004085621-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cystatin C.
                                                                                                                                                                                                                                                                                   Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local S
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                                                                                                                                                                                                                                         The invention relates to a method of diagnosis (M1) comprising: (a) providing a test sample of breast tissue; (b) determining the level of expression in the test sample of a gene (e.g. interleukin.8, meproxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (c) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer
                                                                                                                                                       Diagnosing breast cancer comprises determining expression levels of a gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin 1
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gene silencing;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ss; primer; cytostatic; RNA interference; RNAi; gene silenc: antisense oligonucleotide inhibitor; cathepsin K inhibitor; cathepsin L inhibitor; cathepsin F inhibitor; metalloprotease 2 inhibitor; thrombospondin-2 antagonist;
                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 collagen antagonist; diagnosis; breast tissue; cancer.
                                                                                                                                                                                                                                                                                                                                                                   Sequence 10 BP; 1 A; 5 C; 4 G; 0 T; 0 U; 0 Other;
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100.0%; Pred. No. 3.4
:ive 0; Mismatches
                                                                                                                                                                                                                      Example 2; SEQ ID NO 581; 149pp; English.
                                                                                  CANCER INST INC.
                                                                                                                                                                                                                                                                                                                                            used in the method of the invention.
                                                                                                           Allinen M;
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                                   22-MAR-2004; 2004WO-US008866
                                                           20-MAR-2003; 2003US-0456735P
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Best Local Similarity 100.
                                                                                                          Porter D,
                                                                                  (DAND ) DANA FARBER
                                                                                                                                 WPI; 2004-728732/71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WO2004085621-A2
                                                                                                                                                                                              cystatin C.
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           07-OCT-2004
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                                                                                                         Polyak K,
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(DAND ) DANA FARBER CANCER INST

20-MAR-2003; 2003US-0456735P.

Allinen M;

Porter D,

Polyak K,

WPI; 2004-728732/71

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                                                                                                                                              The invention relates to a method of diagnosis (M1) comprising: (a) providing a test sample of breast tissue; (b) determining the level of expression in the test sample of a gene (e.g. increleukin-g, superoxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (c) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer used in the method of the invention.
Diagnosing breast cancer comprises determining expression levels of a gene selected from those differentially expressed in normal or cancerous cells of a breast tissue sample including interleukin 1, thrombospondin 1 and cystatin C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The invention relates to a method of diagnosis (M1) comprising: (a) providing a test sample of breast tissue; (b) determining the level of expression in the test sample of a gene (e.g. interleukin-8, superoxide dismutase 2 and tubulin, alpha 3) selected from Table 1 given in the specification, and (c) if the gene is expressed in the test sample at a lower level than in a control normal breast tissue sample, diagnosing the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                     Sequence 10 BP; 1 A; 2 C; 6 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Breast cancer detection oligonucleotide #148
                                                                                                                                                                                                                                                                                                                                                                                                                43.8%; Score 7; DB 1
100.0%; Pred. No. 3.4
tive 0; Mismatches
                                                                                                          2; SEQ ID NO 655; 149pp; English
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gene selected from those
cells of a breast tissue
                                                                                                                                                                                                                                                                                                                                                                                                                                                           7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2004-728732/71.
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
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                                                                                                          Example
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ADW10555 standard; DNA; 10 BP.

ADW10555

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test sample as containing cancer cells. The method is used for diagnosing breast cancer. This sequence corresponds to an oligonucleotide primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Identifying agents that alter biological activity of a polypeptide encoded by a polynucleotide involved in hypoxia-related tumorigenesis comprises contacting an agent with a target cell and monitoring activity
                                                                                                                                           Gaps
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                                                                                                     43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                          screening; hypoxia-related tumourigenesis;
hypoxia-induced gene regulation; tumour; SAGE tag; ds.
                                                                                                                                                                                                                                                                                                                                                                                                       Hypoxia-related tumourigenesis-related SAGE tag #602.
                                                                      Sequence 10 BP; 1 A; 5 C; 4 G; 0 T; 0 U; 0 Other;
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                                    used in the method of the invention.
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                                                                                                                                                                                                                                                                                                  ADU18811 standard; DNA; 10 BP.
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Best Local Similarity 10v..
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Best Local Similarity
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the involves contacting genomic DNA of a biological sample obtained from the involves contacting genomic DNA of a biological sample obtained from the subject with one or more reagent(s), or a series of reagents that distinguishes between methylated and non-methylated CDG dinuclectides of distinguishes between methylated and non-methylated CDG dinuclectides within a target sequence of the genomic DNA. The invention further comprises: a nucleic acid comprising a sequence of 18 or more contiguous comprises: a nucleic acid comprising a sequence of 18 or more contiguous nuclectide sequences. Whose sequence from any one of 284 tully defined nuclectide sequences, whose sequence listing is not browniguous sequence has one or more CDG. TDA, or CDA dinuclectide, and the treatment is suitable to convert one or more of the unmethylated contiguous sequence has one or more CDG. TDA, or CDA dinuclectide, and the treatment is suitably dissimilar to cytosine hase(s) of the genomic DNA sequence initially to uracil or or hybridization; an oligomer to peptide nucleic acid (PNA)-oligomer, comprising 9 or more contiguous nucleotides that is complementary to or hybridization; an oligomer to peptide nucleic acid (PNA)-oligomer, comprising 9 or more contiguous nucleotides that is complementary to or hybridization; and their complementary sequences provided in the conce document, which is treated; a set of oligomers comprising two or correct corrections and their complementary sequences comprising two or correct corrections of the oligomers of PNA-oligomer; an array of oligomers and a kit complementary for a carrying out the above methods. The method and its novel compositions there are useful for detecting and distinguishing the methods of the oligomers of the complementary coligomers and a kit of the coligomers of the oligomers are useful for detecting and distinguishing the methods are useful for a more of the oligomers of oligomers are useful for detecting and proved companies.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The invention relates to a novel method for detecting and distinguishing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Detecting and distinguishing colorectal cell proliferative disorders by contacting genomic DNA of biological sample with reagent that distinguishes methylated and non-methylated CpG dinucleotides within
                                                                                                                                                                                             colorectal tumor; CpG methylation detection; cytostatic; gene therapy; proliferative disorder; carcinoma; PCR; primer; ss.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Day RW, Tonnes-Priddy
                                                                                                                                                  Human genomic DNA fragment arbitrarily-primed PCR primer, GC5
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TONNES-PRIDDY L.
CARDON K.
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SLEDZIEWSKI A.
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Cardon K;
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                                                                                                                                                                                                                                                                                                       Synthetic.
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The inventors have discovered a set of 112 haplotypes in the human neurotrophic tyrosine kinase, receptor, type 1 (NTRK1) gene ADZ67903 that care associated with the age of onset of Alzheimer's disease (AD). They have also discovered that the copy number of each of these NTRL can applotypes affects the age of onset of AD. If an individual has at least one copy of any of the 112 specified haplotypes, that individual is a later age of onset of AD than an individual having zero copies of any of the 112 paplotypes of onset of AD than an individual having zero copies of any of the 112 haplotypes as vach an individual being defined as 'age of onset of AD than an individual being defined as 'age of onset of applotypes is useful for predicting the age at which individuals who are considered in the or haplotypes are an individual being defined as 'age of onset of applotypes is useful for predicting the age at which individuals who are considered in the develop AD and to help confirm a chaptorypes will haplotypes with age of AD onset indicates that variation of certain MTRLI haplotypes with age of AD onset indicates that variation in the NTKRI gene should be considered in the development and clinical curials of drugs for treating MCI. AD and other neurodegenerative chapters. This correlation also provides a basis for pursuing NTRKI as a
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invention are useful for classifying, distinguishing between, or among, diagnosing or determining the predisposition for colorectal cell proliferative disorders, or for the therapy of colorectal cell proliferative disorders. This polymucleotide sequence represents a primer used in the exemplification of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Neurotrophic tyrosine kinase receptor type 1; NTRK1; Alzheimers disease; neurological disease; diagnosis; prognosis; primer; SNP detection;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Determining whether individual has age of onset marker I or marker II, determining whether individual has zero copies or copy of neurotrophic tyrosine kinase, receptor, type I haplotypes involved in onset of
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                                                                                                                        Sequence 10 BP; 0 A; 3 C; 7 G; 0 T; 0 U; 0 Other;
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100.0%; Pred. No. 3.4
:ive 0; Mismatches
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Ozdemir V, Reed CR;
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Matches 7; Conservative
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and other neurological diseases or conditions. Information is provided about the composition of each of 112 haplotypes, namely the location in the NTRKI gene of each of the polymorphic sites (PSs) and the identity of the reference and variant allela at each PS. An individual's genotype for the set of PSs is obtained by primer extension, allele-specific PCR, nucleic acid amplification, hybridization, mismatch detection, enzymatic nucleic acid cleavage or sequencing assay. The present sequence is that of a reverse primer extension oligonucleocide for detecting PS12 in haplotypes comprising preferred embodiments of age of onset markers I and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The present invention relates to genetic markers of the human neurotrophic tyrosine kinase, receptor, type I (NTRKI) gene AEA61960 that are associated with progression of Alzheimer's disease (ADD). 12 Polymorphic sites (PSS) have been discovered in the NTRKI gene of Gaucasian individuals with AD, and a set of 70 haplotypes having association with progression of AD have been identified. If an individual has 0 or 1 copy of any of haplotypes 1-11 and 67-70, or 0 copies of any of haplotypes 42-66, then that individual is defined as having a progression marker I and is more likely to exhibit a slower progression of AD than an individual having 2 copies of any of haplotypes 1-41 and 67-70, or at least I copy of any of haplotypes 42-66, such an individual being defined as having a progression marker II. Additional haplotypes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Determining whether an individual has a progression marker I or progression marker II, useful for predicting an individual's progression of Alzheimer's disease, by determining whether the individual has any of
                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                  0; Indels
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Claim 40; SEQ ID NO 56; 108pp; English.
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Ozdemir V, Reed CR;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AEA62015 standard; DNA; 10
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may be identified that are in linkage disequilibrium with any of haplotypes 1-70, referred to as linked haplotypes and substitute haplotypes 1-70, in which one or more of the RSs in the haplotypes of any of haplotypes 1-70, in which one or more of the RSs in the original haplotypes 1-70, in which one or more of the RSs in the original haplotype is substituted with another PS, where the allele at the substituting PS. The invention provides methods and kits for determining whether an individual has a progression marker I or a progression marker I. A method is also provided for predicting an individual's progression cognitive disorder. An individual's genclype for each PS may be obtained by primer extension, allele-specially a Caucasian diagnosed as having a cognitive disorder. An individual's gencype for each PS may be obtained by primer extension, allele-specific PCR, nucleic acid amplification, complementing as equencing assay. The present sequence is a reverse primer extension oligonucleotide that can be used to detect the allele at PSI2 of the CNTRKI gene. The 3' terminus of the oligonucleotide is complementary to the nucleotide located immediately adjacent to the PS. The complementary content in individual has a progression marker I or progression marker II 

Sequence 10 BP; 2 A; 3 C; 5 G; 0 T; 0 U; 0 Other;

43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; rive 0; Mismatches 0; Indels Query Match Best Local Similarity 100. 4 CGGGCGG 10 ò

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AEA52329 standard; DNA; 10 BP. AEA52329; RESULT 693 AEA52329

Prostate cancer gene PCR primer SEQ ID NO 932. (first entry) 25-AUG-2005 gene CCCX SX X B A X B A X B A X B X C A

expression; cell proliferation; hyperproliferation; cytostatic; neoplasm; PCR; primer; ss

Homo sapiens.

WO2005054517-A2.

16-JUN-2005.

01-DEC-2004; 2004WO-US040289

01-DEC-2003; 2003EP-00090414. 10-FEB-2004; 2004EP-00090040. 10-MAY-2004; 2004EP-00090187. 21-JUL-2004; 2004EP-00090292

(EPIG-) EPIGENOMICS AG.

Dekker S;

Morotti A, Yamamura S,

Distler J,

Cottrell S, Devos T; WPI; 2005-425434/43. Day KJ, C Ocamp Y,

Detecting and/or differentiating prostate cell proliferative disorders in a subject by contacting genomic with reagent(s) that distinguishes between methylated and non-methylated CpG dinucleotides in target nucleic acida

Example 1; SEQ ID NO 932; 164pp; English.

The invention describes a method of detecting and/or differentiating between prostate cell proliferative disorders in a subject comprising

concenting general form solutions that distinguishes between methylated concentral general solutions that distinguishes between methylated concentral series of reagents within one or a combination of target nucleic acids e.g. HISTONE H4. Also described are: a treated mucleic acids e.g. HISTONE H4. Also described are: a treated concentral series of the carget nucleic acids e.g. HISTONE H4. Also described are: a treated from SEQ ID NO: 1.59, 1017-1028, 1116, 1171, where the treatment converts at leas one unmethylated cytosine base of the genomic DNA sequence to uracil or another base that is detectable dissimilar to cytosine in terms of hybridization; a nucleic acid comprising at lest 16 contiguous nucleotides of a treated genomic DNA sequence selected from SEQ ID NO: 60-295, 1029-1076, 1117-1120, 1172-1175 and sequence scomplementary to them; an oligomer comprising at sequence of at least 9 contiguous nucleotides that is complementary to, or hybridizes under moderately stringent or stringent conditions to a treated genomic conficting shing between or among prostate cell proliferative disorder of a subject comprising at least one of a bisulfite reagent, or a methylation-sensitive restringent or stringent confictions sequence acid molecule comprising a contiguous sequence at least 9 nucleotides that is complementary to, or hybridizes under moderately contiguent or stringent confiltions to a sequence selected from SEQ ID NO: 60-295, 1029-1076, 1117-1120, 1172-1175 and their complements. The method, nucleic acid, oligomer, set of oligonucleotide, and kit are useful for detecting and/or allogeneric entering the another confiltions to a sequence complements. The method, nucleic acid, oligomer, set of oligonucleotide, and kit are useful for detecting and/or differentiating between or among cell ö contacting genomic DNA isolated from a biological sample with at least Gaps proliferative disorders. This sequence represents a primer used to analyze methylation status of genes encoding a prostate cell ö 0; Indels 43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 3.4e+02; ative 0; Mismatches 0; Indels Sequence 10 BP; 0 A; 3 C; 7 G; 0 T; 0 U; 0 Other; Search completed: May 9, 2006, 16:45:22 proliferation associated protein. Query Match 43.8 Best Local Similarity 100. Matches 7; Conservative 5 GGCCGC 11 Job time : 1 secs 8

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39, Appli
27, Appli
27, Appl
366, App
699, App
713, App
773, Appl
773, Appl
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US-09-093-972C-715
US-09-093-972C-755
US-09-093-972C-698
US-09-093-972C-755
US-09-093-972C-755
US-09-093-972C-755
US-09-093-972C-755
US-09-093-972C-755
US-09-093-972C-756
US-09-093-972C-754
US-10-758-451-715
US-09-093-972C-736
US-09-093-972C-736
US-09-093-972C-736
US-09-093-972C-737
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                                                                                                                             2006, 16:47:24 ; Search time 1 Seconds (without alignments) 0.075 Million cell updates/sec
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Sequence 7, Appli Sequence 27, Appli Sequence 3, Appli Sequence 2263, Ap Sequence 12, Appl Sequence 101, Appl Sequence 101, Appl Sequence 101, Appl Sequence 1689, Ap Sequence 1689, Ap Sequence 1689, Ap Sequence 101, Appl Sequence 1189, Ap Sequence 1189, Ap Sequence 1689, Ap	Sequence 1653, Apple Sequence 629, Apple Sequence 629, Apple Sequence 629, Apple Sequence 630, Apple Sequence 31, Appli Sequence 31, Appli Sequence 32, Apple Sequence 10, Apple Sequence 10, Apple Sequence 10, Apple Sequence 18, Apple Sequence 18, Apple Sequence 18, Apple Sequence 18, Apple Sequence 184, Apple Sequence 1284, Apple Sequence 205, Apple Sequence 205, Apple Sequence 220, Apple Sequence 220, Apple Sequence 220, Apple Sequence 139, Apple Sequence 1318, Apple Sequence 21, Apple Sequence 22, Apple Sequence 24, Apple Sequence 25, Apple Sequence 26, Apple Sequence 35, Apple Sequence 35, Apple Sequence 36, Apple 3	edneuce
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Sequence 1460, Application US/10712672

Sequence 1460, Application US/10712672

Publication No. US20040102413A1

GENERAL INCORMATION:

APPLICANT: Ribozyme Pharaceuticals, Inc.

APPLICANT: Chowriza, Bharat

APPLICANT: ACSWIGGEN, Jim

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme

FILE REFERENCE: MBHB00-882-C (400/019)

CURRENT FILING DATE: 2003-11-13

PRIOR APPLICATION NUMBER: US/10/712,672

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-04-14

PRIOR FILING DATE: 1999-08-31

PRIOR FILING DATE: 1999-08-31

PRIOR FILING DATE: 1999-08-31

NUMBER OF SEQ ID NOS: 5586

SOFTWARE: PALENT VERSION 3.0
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APPLICANT: Chowite, Bharacteries, Inc.
APPLICANT: Strindtoomb, Jim
APPLICANT: Strindtoomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MBHB00-882-C (400/019)
CURRENT PAPLICATION NUMBER: US/10/712,672
CURRENT FLING DATE: 2003-11-13
PRIOR FILING DATE: 2000-08-31
PRIOR FILING DATE: 2000-08-31
PRIOR FILING DATE: 2000-04-14
PRIOR FILING DATE: 1999-08-31
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Pred. No. 21;
0; Mismatches 1; Indele
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Pred. No. 21;
0; Mismatches
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Publication No. US20040102413A1
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
APPLICANT: Chowrira, Bharat
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92.3%;
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SOFTWARE: Patentin version 3.0
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Best Local Similarity 92.3.
Best Local 2; Conservative
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Best Local Similarity 92.3
Matches 12; Conservative
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ORGANISM: Homo sapiens
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US-10-712-672-1461
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GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REPERENCE: T6678.US.B.
CURRENT APPLICATION NUMBER: US/10/291,249
CURRENT APPLICATION NUMBER: US 09/647,344
RRIOR FILING DATE: 2002-11-07
PRIOR FILING DATE: 1999-03-28
RRIOR PILING DATE: 1999-03-28
FRIOR APPLICATION NUMBER: US 60/079,792
PRIOR PLING DATE: 1998-03-28
FRIOR PLING DATE: 1998-03-28
FRIOR FILING DATE: 1998-03-28
FRIOR FILING DATE: 1998-03-28
FRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PATENT NEED NOS: 50
SOFTWARE: PATENT
                       Sequence 19, Application US/10291230
Publication No. US20030108939A1
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Riffner, Anichael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US. A
CURRENT APPLICATION NUMBER: US/10/291,230
CURRENT FILING DATE: 2002-11-07
PRIOR PELICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR PELICATION NUMBER: US 60/079,792
PRIOR PELICATION NUMBER: US 60/079,792
PRIOR PELICATION NUMBER: US 60/107,504
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50

NUMBER OF SEQ ID NOS: 50
LENGTH: 14
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; Sequence 19, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
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Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
US-10-291-230-19/c
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APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: CAPPAINENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                Length 14;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                DB 1;
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APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1996
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana
REGISTATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMPUNICATION:
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FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                0; Mismatches
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                                                                                                                                                                                                                                                67.5%; Score 10.8;
85.7%; Pred. No. 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 673, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 695
LENGTH: 14
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INFORMATION FOR SEQ ID NO: 673:
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                12; Conservative
                                                                                                                                                                      ORGANISM: Homo sapiens
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US-09-093-972C-673
                                                                                                                                                                                                  US-10-758-451-695
                                                                                                                                                  TYPE: DNA
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Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706, 301
CURRENT APPLICATION NUMBER: US/10/758,451
                                                                                             APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
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APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <u current
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 30-January-1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
  US-09-093-972C-695
; Sequence 695, Application US/09093972C
school No. US20030087845A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 609-409-3035
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                             NUMBER OF SEQUENCES: 99
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                                                                                                                                                                                                                                                                                             CITY: Cranbury
STATE: New Jersey
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Best Local Similarity 85.77
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
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APPLICANT: East Carolina University
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF
TITLE OF INVENTION: INPLAMMATION
FILE PREPRENCE: 30775-706.301
CURRENT APPLICATION VMBER: US/10/758,451
CURRENT PAPLICATION NUMBER: 09/093,972
PRIOR APPLICATION NUMBER: 09/093,972
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 694, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF TITLE OF INVENTION: CONDITIONS ASSOCIATED WITH BRONCHOCCONSTRICTION, ALLERGY (IESTILE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
FILE REPERENCE: 30775-706.30
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT PILLING DATE: 2004-01-14
FRIOR FILLING DATE: 1998-06-09
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Pred. No. 27;
0; Mismatches
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0; Mismatches
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85.7%; Pred. No. 27;
                    Sequence 673, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS F
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        67.5%;
85.7%;
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SOFTWARE: Patentin version 3.1
SEQ ID NO 694
LENGTH: 15
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Best Local Similarity 85.77
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens
US-10-758-451-694
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Matches
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Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TITLE OF INVENTION: EXTREATMENT OF DISPASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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                    Length 15;
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COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DAM PC COMPATIBLE
SOFTWARE: PATENTIN PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093, 972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: -UNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 7-June-1998
ATTORNEY/AGENT INFORMATION:
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                                                              Indels
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ADDRESSE: EPIGENESS:
STREET: 7 Clarke Drive
CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                  DB 1;
             Score 10.8; DE
Pred. No. 27;
0; Mismatches
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85.7%; Pred. No. 27;
tive 0; Mismatches
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MOLECULE TYPE: DNA (Genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 694:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
67.5%; Scor.
85.7%; Pred
0; }
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TELEFAX: 413-254-9245
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 996
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COMPUTER READABLE FORM:
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Best Local Similarity 85.77
Matches 12, Conservative
                                                         12; Conservative
         Query Match
Best Local Similarity
                                                                                                                                                                                                                                     US-09-093-972C-694
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                                                         Matches
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Sequence 675, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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        Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
      1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Amzel, Viviana
REGIGITATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 675:
US-09-093-972C-675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 696, Application US/09093972C
; Publication No. US20030087845A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 609-409-3035
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 413-254-9245
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INFORMATION FOR SEQ ID NO: 675:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Cranbury
STATE: New Jersey
      Conservative
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                                                2 GGCGGGCGGCAT 13
                                                                                       1 GGAGGGCGCAT 12
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                                                                                                                                                     RESULT 14
US-09-093-972C-675
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US-09-093-972C-696
      11;
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      Matches
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Sequence 697, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D TITLE OF INVENTION: TNFLAMMATION FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 2004-01-14
FRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: PatentIn version 3.1
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                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REPERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun.1998
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: lines:

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 697:
US-09-093-972C-697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 413-254-9245
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STRANDEDNESS: single
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                            New Jersey
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Matches 11, Conservative
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Cranbury
                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
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Best Local Similarity
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US-10-758-451-697
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LENGTH: 12
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Sequence 696, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF TITLE OF INVENTION: COMPOSITION, FORMULATION & MITH BRONCHOCONSTRICTION, ALLERGY (IES TITLE OF INVENTION: INFLAMMATION FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARR: Patentin version 3.1
SEQ ID NO 696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nyce, Jonathan W.
IITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
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APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                   65.0%; Score 10.4; I 91.7%; Pred. No. 26; ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 10.4; Pred. No. 26;
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; Sequence 652, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
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                         SOFTWARE: PatentIn version 3.1
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91.7%;
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CORRESPONDENCE ADDRESS
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STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                11; Conservative
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                                                                                                                                                                                                                                                                                                                       2 GGAGGCCGCAT 13
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                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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Matches 11; Conserv
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                                                 SEQ ID NO 675
                                                                                                                                                                                     Query Match
                                                                      LENGTH:
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Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES)
TITLE OF INVENTION: INFLAMMATION
FILE REPRESENCE: 30775-706-301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 2004-01-14
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 30-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-Junary-1998
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                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             65.0%; Score 10.4; D
91.7%; Pred. No. 26;
:ive 0; Mismatches
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MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 696:
US-09-093-972C-696
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PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
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LENGTH: 13 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 696;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                      ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                         CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 91.7
Matches 11; Conservative
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US-10-758-451-675
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Sequence 652, Application US/10758451
; Publication No. US20050014711A1
; GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, PORMULATION & METHOD FOR PREVENTION & TREATMENT OF
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: ALLERGY (IES
TITLE OF INVENTION NUMBER: US/10/758,451
CURRENT APPLICATION NUMBER: 09/093,972
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
SEQ ID NOS: 996
SEQ ID NOS: 996
SEQ ID NO 652
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Publication No. US20050014711A1

GRNERAL INFORMATION:

APPLICANT: East Carolina University

TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF

TITLE OF INVENTION: INPLAMMATION

TITLE OF INVENTION: INPLAMMATION

TITLE OF INVENTION: INPLAMMATION

TITLE OF INVENTION: INPLAMMATION

CURRENT APPLICATION NUMBER: US/10/758,451

CURRENT FILING DATE: 2004-01-14
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Pred. No. 30;
0; Mismatches
                              : EPI-00672
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                                                                                                                                                                                                                                                                                    TOPOLGGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 674: US-09-093-972C-674
                        REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
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                                                                                                                                                                                                         LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                         INFORMATION FOR SEQ ID NO: 674: SEQUENCE CHARACTERISTICS:
                                                                                                         TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 65.0%;
Best Local Similarity 91.7%;
Matches 11; Conservative
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NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 674
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 GGCGGCGGCAT 13
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US-10-758-451-652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 11; Conserv
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US-10-758-451-674
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Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBW PC compatible
COMPUTER: IBW PC compatible
COMPUTER: DEADAIL IN Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
RILING DATE: 09-Jun-1998
CLASSIFICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/72,527
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
ATTENTION DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 14;
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                                         FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                              NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOWUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFRAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         65.0%; Score 10.4; Dilarity 91.7%; Pred. No. 30; Conservative 0; Mismatches
                        APPLICATION NUMBER: US 08/472,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 652:
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                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 652:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amzel, Viviana
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Cranbury
STATE: New Jersey
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Best Local Similarity
Matches 11; Conserv
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Sequence 10005, Application US/10257017B
Sequence 10005, Application US/10257017B
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: methylations
TITLE OF INVENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosin
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2000-10-07
PRIOR PILING DATE: 2000-04-07
NUMBER: OF SEQ ID NOS: 382046
SEQ ID NO 100006
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024859 US-10-257-017B-100005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024859 US-10-257-017B-100006
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 100006, Application US/10257017B; Publication No. US/20040241651A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100...
                                                2 GGCGGCCGC 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Buckhaults, Phillip
APPLICANT: Kinzler, Kenneth
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: EXPRESSED IN BENIGN AND MALIGNANT COLORECTAL TUMORS
TITLE OF INVENTION: EXPRESSED IN BENIGN AND MALIGNANT COLORECTAL TUMORS
FILE REFERENCE: 00110.00429
CURRENT APPLICATION NUMBER: US/10/487,934
CURRENT FILING DATE: 2004-03-03
PRIOR PRILING DATE: 2001-09-07
PRIOR PILING DATE: 2002-05-30
PRIOR RILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 334
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 312
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Publication No. US20030190617A1

GENERAL INFORMATION:
APPLICANT: SI, ERWIN
APPLICANT: SI, ERWIN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REPERRENCE: 13597.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 458
LENGTH: 13
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                                                                                                                                                                                                                            1; Indels
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Pred. No. 30;
0; Mismatches
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US-10-091-281-458
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 312, Application US/10487934 Publication No. US20040265824A1 GENERAL INFORMATION:
                                                                                                                                                           65.0%;
                                                                                                                                                                                        Best Local Similarity 91.7
Matches 11; Conservative
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Best Local Similarity 100.
Matches 10; Conservative
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                             TYPE: DNA
ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-10-487-934-312
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                                                                   ; US-10-758-451-674
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LENGTH: 14
                                                                                                                                                           Query Match
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TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosin TITLE OF INVENTION: methylations FILE REFERENCE: E01/193/WO CURRENT APPLICATION WUMBER: 2010/07 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR FILING DATE: 2000-04-07 NUMBER: OF SEQ ID NOS: 382046 SEQ ID NO 229447
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US-10-257-017B-229448/C

Sequence 229446, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
SEQ ID NO 229448
LENGTH: 13
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US-093-972C-716
US-09-093-972C-716
US-09-093-972C-716
Sequence 716, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
GENERAL INFORMATION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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US-10-257-0178-229447
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0055973
US-10-257-017B-229448
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ADDRESSEE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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33;
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Pred. No. 33;
0; Mismatches
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100.0%; Pr
tive 0;
                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 10; Conservative
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Best Local Similarity
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Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Defection of Single nucleotide polymorhphisms [SNPS] and cytosine
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: wethylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 229446
LENGTH: 13
                                                                                                 APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION WUMBER: 210/2-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 229445
LENGTH: 13
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US-10-257-017B-229445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0055973
US-10-257-017B-229446
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33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 62.5%; Score 10; DB Best Local Similarity 100.0%; Pred. No. 33; Matches 10; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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Pred. No.
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                                 Sequence 229445, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
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100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 10; Conservative
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Sequence 1425, Application US/09504231A

Sequence 1425, Application US/09504231A

Patent No. US20020013458A1

GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

APPLICANT: Roberts, Beth

APPLICANT: Roberts, Beth

APPLICANT: Macejak, Dennis

ITILE OF INVENTION: HERPATITIS C VIRUS INFECTION

TITLE OF INVENTION: HERPATITIS C VIRUS INFECTION

FILE REFERENCE: rpi 247/282

CURRENT APPLICATION NUMBER: US/09/504,231A

FILE REFERENCE: rpi 247/282

CURRENT FILING DATE: 1999-02-15

PRIOR FILING DATE: 1999-02-16

PRIOR FILING DATE: 1999-02-24

PRIOR FILING DATE: 1999-02-24

PRIOR FILING DATE: 1999-03-23

PRIOR FILING DATE: 1999-04-27

NUMBER OF SEQ ID NOS: 3242

SOFTWARE: Patentin version 3.0

SEQ ID NO 1425

LENGTH: 14
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APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
TITLE OF PEPERENCE: rpi 247/282
CURRENT APPLICATION NUMBER: US/09/274,553D
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US-09-504-231A-1425
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Pred. No. 40;
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i. Sequence 1425, Application US/09274553D

i. Patent No. US20020082225A1

i. GRNERAL INFORMATION:
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PRIOR FILING DATE: 1999-02-24
PRIOR PELING DATE: 1999-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
PRIOR FILING DATE: 1998-04-27
NUMBER: OF SEQ ID NOS: 3148
SOFTWARE: Patentin version 3.0
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 84.6%;
                                               1 GAGGCGGCATGG 13
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Publication No. US20050014711A1
GENERAL INFORMATION:
ADPLICANT: Bast Carolina University
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF ITTLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
FILLE OF INVENTION: INFLAMMATION
FILLE OF INVENTION: UNBER: US/10/758,451
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: PatentIn version 3.1
SEQ ID NO 716
LENGTH: 13
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                                                     COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DATE: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FLING DATE: 09-Jun-1998
CLASSIFICATION: CURNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/77,024
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 7-June-1998
ATTORNEY/AGENT INFORMATION:
NAME: AND ATTORNEY AGENT INFORMATION:
NAME: AND ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ouery Match 61.2%; Score 9.8; DB 1; Length 13; Best Local Similarity 84.6%; Pred. No. 36; Matches 11; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3055
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 716:
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SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
             ZIP: 08512
COMPUTER READABLE FORM:
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US-10-758-451-716
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US-10-758-451-716
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Sequence 715, Application US/10758451

Publication No. US20050014711A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF ITTLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES);
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
FEMALEM 100715
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Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: EXPREMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION: «Unknown»
PRIOR APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 9.8; DB 1; Length 14;
Pred. No. 40;
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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84.6%;
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COUNTRY: USA
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Best Local Similarity 84.6
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 36
US-09-093-972C-698
                                                                     RESULT 35
US-10-758-451-715
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                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
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                                                                                                               61.3%; Score 9.8; DB 1; Length 14; 84.6%; Pred. No. 40;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
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Pred. No. 40;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                   0; Mismatches
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 715:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                              Sequence 715, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W. TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 715:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 14 base pairs
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61.2%;
84.6%;
ORGANISM: Artificial Sequence
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COUNTRY: USA
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Best Local Similarity 84.6
Matches 11; Conservative
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Matches 11; Conservative
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                                                    ; OTHER INFURMALLY
US-09-274-553D-1425
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Gaps

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APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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                                                                          Length 11;
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                                                                                                                   1; Indels
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COMPUTER READBBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                      Score 9.4; DB 1;
Pred. No. 35;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 7. June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7. June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASTON - UNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION DATA:
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      SEQUENCE DESCRIPTION: SEQ ID NO: 718:
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SEQUENCE DESCRIPTION: SEQ ID NO: 755:
US-09-093-972C-755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                            Sequence 755, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                      58.7%;
90.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                                                 Query Match
Best Local Similarity 90.5-
Best Local 10; Conservative
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Best Local Similarity 90.9
Matches 10; Conservative
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US-09-093-972C-718
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Publication No. US20030087845A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                        Score 9.4; DB 1; Length 11;
Pred. No. 35;
0; Mismatches 1; Indels
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CORRESPONDENCE ADDRESS:
ADDRESSEE: EFIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
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APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTONNEY/AGENT INFORMATION:
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TELECOMMUNICATION INFORMATION:
                                                                                                                          LENGTH: 11 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: ningle
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 698:
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REGISTRATION NUMBER: 30,930
TELECOMMUNICATION INFORMATION
                    TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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MOLECULE TYPE: DNA (genomic)
                                                             TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 698:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 413-254-9245
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                        58.7%;
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Best Local Similarity
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Sequence 676, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: CATEATHRAT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                Gaps
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
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FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY AGENT INFORMATION:
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APPLICATION NUMBER: US/09/093,972C
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REGIGITATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
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MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 676:
US-09-093-972C-676
CURRENT APPLICATION NUMBER: US/10/758,451
                 CURRENT FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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LENGTH: 12 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 413-254-9245
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STRANDEDNESS: single
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COUNTRY: USA
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Best Local Similarity 90.5
Matches 10; Conservative
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                                                                                                                                                                                                TYPE: DNA
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TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
PILE REFERENCE: 30775-706.301
                                                             Sequence 698, Application US/1078451
Publication No. US20050014711A1
GENERAL INFORMATION:
TOTAL OF INVENTION: COMPOSITION, FORWILATION & METHOD FOR PREVENTION & TREATMENT OF ITILE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES) TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT PILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
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TITLE OF INVENTION: COMPOSITION, FORWILATION & METHOD FOR PREVENTION & TREATMENT OF I
TITLE OF INVENTION: COMPOSITION, FORWILATION & METHOD FOR PREVENTION, ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
FILE REPERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 1999-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 718
LENGTH: 11
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Pred. No. 35;
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Publication No. US20050014711A1
GENERAL INFORMATION:
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90.9%;
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Best Local Similarity 90.9
Matches 10; Conservative
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Best Local Similarity 90.9
Matches 10; Conservative
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US-10-758-451-698
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US-10-758-451-755
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Query Match
Best Local Similarity
US-09-093-972C-736
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Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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              DB 1; Length 12;
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                                                    1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENČE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                  0; Mismatches
                                  40;
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            Score 9.4;
Pred. No. 4(
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 717:
US-09-093-972C-717
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
        58.7%;
90.9%;
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                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New Jersey
COUNTRY: USA
      Query Match
Best Local Similarity 90.9
Matches 10; Conservative
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nes 10; Conserv
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Matches
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RESULT 44

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RESULT 45
US-09-093-972C-754
US-09-093-972C-754
Sequence 7754, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
IITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: COMPOSITION, DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
Sequence 736, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DAIA:
                                                                                                                                                               NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESSE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/093, 972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: EPI-00672 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 9.4; DB Pred. No. 40; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 736:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 736:
SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                        STATE: New Jersey
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RESULT 47

US-10-758-451-717

US-10-758-451-717

Sequence 717, Application US/10758451

Sequence 717, Application US/10758451

Sequence 717, Application No. US20050014711A1

Sequence 717, Application No. US20050014711A1

SEDICANT: East Carolina University

TITLE OF INVENTION: AND CONDITION & METHOD FOR PREVENTION & TREATMENT OF ITTLE OF INVENTION: INFLAMMATION ADSOCIATED WITH BRONCHOCCONSTRICTION, ALLERGY (IES)

TITLE OF INVENTION: UNMERR: US/10/758,451

CURRENT APPLICATION NUMBER: US/093,972

PRIOR PILING DATE: 1998-06-09

NUMBER OF SEQ ID NOS: 996

SOFTWARE: PatentIn version 3.1

SEQ ID NO 717

LENGTH: 12
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| Publication No. US20050014711A1
| GENERAL INFORMATION:
| APPLICANT: East Carolina University | APPLICANT: East Carolina University | TITLE OF INVENTION: COMPOSITION & METHOD FOR PREVENTION ALLERGY (IES) | TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES) | TITLE OF INVENTION: INFLAMMATION | FILE REFERENCE: 30775-706.301 | CURRENT APPLICATION NUMBER: US/10/758,451 | CURRENT PILING DATE: 1998-06-09 | NUMBER OF SEQ ID NOS: 996 | SOFTWARE: PATENTIAL OF SEQ ID NOS: 996 | SOFTWARE: PATENTIAL OF SEQ ID NOS: 996 | SOFTWARE: PATENTIAL OF SEQ ID NOS: 996 | SEQ ID NO 736 | LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 9.4; DB 1; Length 12; Pred. No. 40; 0; Mismatches 1; Indels
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                         Indels
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;
Pred. No. 40;
0; Mismatches
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US-10-758-451-754
; Sequence 754, Application US/10758451
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90.08;
Best Local Similarity 90.5
Matches 10; Conservative
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Matches 10; Conservative
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Matches 10; Conservative
                                                                                                              2 GGAGGGGGCA 12
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                                                                    2 GGCGGGCGCA 12
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Sequence 676, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D TITLE OF INVENTION: INFLAMMATION FILE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706,301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT PILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR SEQ ID NOS: 996
NUMBER OF SEQ ID NOS: 996
SOFTWARE PATENTIN VERSION 3.1
SEQ ID NO 676
LENGTH: 12
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                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
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; MOLECULE TYPE: DNA (genomic)

: SEQUENCE DESCRIPTION: SEQ ID NO: 754:

US-09-093-972C-754
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REGISTRATION NUMBER: 30,930
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TELEFAX: 413-254-9245
STREET: 7 Clarke Drive
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SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
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                                            STATE: New Jersey
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                       CITY: Cranbury
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Best Local Similarity
Matches 10; Conserva
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COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/093, 972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                      MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SRQ ID NO: 653:
US-09-093-972C-653
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SEQUENCE DESCRIPTION: SEQ ID NO: 735:
US-09-093-972C-735
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TITLE OF INVENTION: COMPOSITION,

& TREATMENT (E. TREATM
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                LENGTH: 13 base pairs
                                           TYPE: nucleic acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 735:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                      58.7%;
90.9%;
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                                                                                                              TOPOLOGY: linear
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Best Local Similarity 90.9
Matches 10; Conservative
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                GENERAL INFORMATION:
APPLICANT: East Carolina University
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES)
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT PILING DATE: 2004-01-14
PRIOR FILING DATE: 1998-06-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 653, Application US/09093972C
Publication No. US20030087845A1
GENERAL INPORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION: AURNOWN>
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INPORMATION:
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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90.9%;
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SEQUENCE CHARACTERISTICS:
   US20050014711A1
                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 754
LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 58.7
Best Local Similarity 90.9
Matches 10; Conservative
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US-10-758-451-754
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 227179
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US-10-257-017B-227180/c

Sequence 227180/c

APPLICANT: Alexander Olek

APPLICANT: Alexander Olek

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosin:

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosin:

TITLE OF INVENTION: NUMBER: US/10/257,017B

CURRENT APPLICATION NUMBER: US/10/257,017B

SPRIOR FILING DATE: 2002-10-07

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046
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| Sequence 6.53. Application US/10758451
| Publication No. US20050014711A1
| GENERAL INFORMATION:
| APPLICANT: BEST Carolina University
| TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION ALLERGY (IES)
| TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)
| TITLE OF INVENTION: INFLAMMATION
| TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)
| TITLE OF INVENTION: UNPRESSENCE: 30.775-706.301
| CURRENT APPLICATION NUMBER: US/10/758,451
| CURRENT FILING DATE: 2004-01-14
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, OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006410 US-10-257-017B-227179
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                           Christian Piepenbrock
                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          58.78;
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Best Local Similarity 90.9
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Best Local Similarity 90.5
Matches 10; Conservative
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APPLICANT: Alexander Olek
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LENGTH: 13
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                                                                                                                                                                                              Sequence 753, Application US/09093972C
Sequence 753, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESSE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
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TOPOLOGY: linear
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MOLECULE TYPE: DNA (genomic)
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SEQUENCE DESCRIPTION: SEQ ID NO: 753:
US-09-093-972C-753
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 609-409-3035
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SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New Jersey
COUNTRY: USA
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Best Local Similarity 90.9
Matches 10; Conservative
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Sequence 738, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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                               1; Indels
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSES: BFIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
FILING DATE: 7-June-1995
PILING DATE: 7-June-1995
FILING DATE: 30-January-1998
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100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
           Pred. No. 44;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 738:
           90.9%; Pred. No.
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US-09-093-972C-756
; Sequence 756, Application US/09093972C
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TYPE: nucleic acid
STRANDEDNESS: single
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 996
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                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: New Jersey
COUNTRY: USA
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Best Local Similarity 100.
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                             10; Conservative
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         Best Local Similarity
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US-09-093-972C-738
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                             Matches
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Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF DITTLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 735
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Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF ITTLE OF INVENTION: INFLAMMATION
FILE REPERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 1998-06-09
PRIOR PRILING DATE: 1998-06-09
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Pred. No. 44;
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Pred. No. 44;
0; Mismatches 1; Indels
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PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
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90.9%;
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SOFTWARE: Patentin version 3.1
SEQ ID NO 753
LENGTH: 13
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Best Local Similarity 90.9
Matches 10; Conservative
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Matches 10, Conservative
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                                                                                                            TYPE: DNA; ORGANISM: Homo sapiens US-10-758-451-653
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; ORGANISM: Homo sapiens
US-10-758-451-735
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US-10-758-451-753
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US-10-758-451-753
                                                                          SEQ ID NO 653
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Wed May 10 10:49:53 2006

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Sequence 756, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF )
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 2004-01-14
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Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: CARRATHEN FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTION: CARRATHEN OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOONSTRICTION, ALLERGY (IES) & INFLAMMATION
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                                                                                                                                                                                                                                   0; Indels
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                                                                                                                                                                                      Length 10;
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56.2%; Score 9; DB 1; 100.0%; Pred. No. 37;
                                                                                                                                                                                   56.2%; Score 9; DB 1
100.0%; Pred. No. 37;
tive 0; Mismatches
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APPLICATION NUMBER: US/09/093,972C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 756
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 09-Jun-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               56.20,
100.0%; Pic
                            SOFTWARE: PatentIn version 3.1
SEQ ID NO 738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 9; Conservative
    NUMBER OF SEQ ID NOS: 996
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                                                                                                                , ORGANISM: Homo sapiens
US-10-758-451-738
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                                                                                                                                                                                                                                                                                                                            2 GGGCGGCAT 10
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ORGANISM: Homo sapiens
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                                                                          LENGTH: 10
                                                                                               TYPE: DNA
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TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
FILE REPERENCE: 30775-706.30
CURRENT APPLICATION NUMBER: US/10/758,451
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSCCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 10;
                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56.2%; Score 9; DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/472,527
APPLICATION NUMBER: US 08/72,527
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-Uune-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Amzel, Viviana
REGIGITATION NOMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Pred. No. 37; ive 0; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 756:
US-09-093-972C-756
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Publication No. US20050014711A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 756:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                        NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                            CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <Unknown>
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Best Local Similarity 100...
9, Conservative
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Sequence 459, Application US/10091281
| Publication No. US20030190617A1
| GENERAL INFORMATION:
| APPLICANT: RAYMOND.
| APPLICANT: RAYMOND.
| APPLICANT: MORISETTE, JEAN
| TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF;
| FILE REFERENCE: 13587.338
| CURRENT APPLICATION NUMBER: US/10/091,281
| NUMBER OF SEQ ID NOS: 463
| SOFTWARE: PATENTIN VET. 2.1
| SEQ ID NO 459
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                      Weissleder, Ralph
Simonova, Maria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR IMAGING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 12;
                                                                                                                                                                                                                                                                                                                                                      COMPUTER: 1BM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,068
FILING DATE: 18-Dec-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Fasse, Peter J.
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00786/388002
TELECOMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
; OTHER INFORMATION: Putative AP2F/AP2.01 motif US-10-091-281-459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/015,366B FILING DATE: 29-JAN-1998 APPLICATION NUMBER: 60/037,350 FILING DATE: 31-JAN-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       56.2%; Score 9; DB 1
100.0%; Pred. No. 49;
tive 0; Mismatches
                                                                                                                                                                 Richardson P.C.
                                                                                            GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 13:
                                                                                                              NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE Fish & Richardso
STREET: 225 Franklin Street
CITY: Boston
APPLICANT: Bogdanov, Alexei A
                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 12 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 9; Conservative
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ORGANISM: Homo sapiens
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Sequence 737, Application No. US20050014711A1

GENERAL INFORMATION: US20050014711A1

GENERAL INFORMATION: US20050014711A1

APPLICANT: East Carolina University

TITLE OF INVENTION: COMPOSITION, FORWILLATION & METHOD FOR PREVENTION & TREATMENT OF D

TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)

TITLE OF INVENTION: INFLAMMATION

FILE REFERENCE: 30775-706.301

CURRENT APPLICATION NUMBER: US/10/758,451

CURRENT FILING DATE: 2004-01-14

FRIOR APPLICATION NUMBER: 09/093,972

PRIOR FILING DATE: 1998-06-09

NUMBER OF SEQ ID NOS: 996

SOFTWARE: PatentIn version 3.1
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                                  APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 56.2%; Score 9; DB 1;
Best Local Similarity 100.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
TELERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 737:
US-09-093-972C-737
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Patent No. US20020142297A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                           TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 737:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56.2%; £ 100.0%;
              PRIOR APPLICATION DATA:
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Best Local Similarity 100.v
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; ORGANISM: Homo sapiens
US-10-758-451-737
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LENGTH: 11
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Sequence 322850, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: With Berlin
APPLICANT: US/10/257,017B
CURRENT APPLICATION WUMBER: US/10/257,017B
CURRENT APPLICATION WUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 322850
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Publication No. US20844, Application US/10257017B

Publication No. US20840241651A1

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock

APPLICANT: Rurt Berlin

APPLICANT: Rurt Berlin

APPLICANT: Rurt Berlin

APPLICANT: With Berlin

TITLE OF INVENTION: methylations

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT APPLICATION NUMBER: DE 10019173.8

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 322854
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031084 US-10-257-0178-322850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Oligonuclectide primer for the detection of SNP TSC0031084 US-10-257-017B-322854
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 12;
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100.0%; Pred. No. 49;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           56.2%; Score 9; DB 1;
100.0%; Pred. No. 49;
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 10v.
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Best Local Similarity 100.
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  11 CGGCGGCG 3
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US-10-257-017B-322850
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APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 289845
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
TILE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
SEQ ID NOS: 382046
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US-10-257-017B-289845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001842 US-10-257-017B-269661
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                        Length 12;
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                      56.2%; Score 9; DB 1; 100.0%; Pred. No. 49; iive 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 49;
Matches 9; Conservative 0; Mismatches
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100.0%; Pred. No. 49;
:ive 0; Mismatches
                                                                                                                                                                                                                                                                                Sequence 269661, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 289845, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.(
Matches 9; Conservative
Query Match
Best Local Similarity 100.
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                                                                                                                   1 CGGCGGGCG
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Sequence 311797, Application US/10257017B

Sequence 311797, Application US/10257017B

Sequence 311797, Application US/10257017B

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Mure Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms (SNPs) and cytosin

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms cyncarn

FILE REFERENCE: BO1/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 311797
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US-09-093-972C-699
US-09-093-972C-699
; Sequence 699, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; GENERAL TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; TITLE OF INVENTION: COMPOSITION, PORMULATIONS & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018689 US-10-257-017B-299697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024693
US-10-257-017B-311797
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Pred. No. 54;
0; Mismatches 2; Indels
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
       CURRENT APPLICATION NUMBER: US/10/257,017B
                  CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 299697
LENGTH: 12
                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                   55.0%;
83.3%;
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STATE: New Jersey
COUNTRY: USA
ZIP: 08512
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Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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                                         APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REPRENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 322858
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Publication No. US20040241651A1
GENERAL INPORMATION:
GENERAL INPORMATION:
GENERAL INPORMATION:
GENERAL STATION:
GENERAL SETION
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: US10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
RIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 322859
LENGTH: 12
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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031084 US-10-257-017B-322858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031084 US-10-257-017B-322859
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100.0%; Pred. No. 49;
ative 0; Mismatches
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100.0%; Pred. No. 49;
:ive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.(
Matches 9; Conservative
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Best Local Similarity 100...
5.0 9; Conservative
                         APPLICANT: Alexander Olek
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GENERAL INFORMATION:
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Sequence 773, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Unn-1998
FILING DATE: 09-Unn-1898
PRIOR APPLICATION ADATA:
APPLICATION NUMBER: US 08/472,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NOMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-00672
                  FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-0.me-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-0.Banary-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. 51;
0; Mismatches
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APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
FILING DATE: 7-June-1995
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
APPLICATION NUMBER: US 09/016,464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 8.4; Di
Pred. No. 51;
                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 719:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 30-January-1998
                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                 TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 719:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                       LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          52.5%;
90.0%;
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New Jersey
COUNTRY: USA
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Best Local Similarity 90.0
Matches 9, Conservative
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TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
E TREATMENT OF DISTANCES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARRE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: Clarke Drive
CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1;
                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear

MOLECULE TYPE: DNA (genemic)

SEQUENCE DESCRIPTION: SEQ ID NO: 699:
US-09-093-972C-699
                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                           NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 719, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 699:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 90.v
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Sequence 27. Application US/10356792

Fublication No. US2003015842A1

GENERAL INFORMATION:
APPLICANT: Slediswski, Andrzej
APPLICANT: Slediswski, Andrzej
APPLICANT: Slediswski, Andrzej
APPLICANT: Schweikhardt, Gary
TITLE OF INVENTION: METHOD FOR THE ANALYSIS OF CYTOSINE METHYLATION PATTERNS
FILE REPRENCE: 47675-33
CURRENT APPLICATION NUMBER: US/10/356,792
CURRENT FILING DATE: 2003-01-30
PRIOR PILING DATE: 2003-01-30
NUMBER OF SEQ ID NOS: 40
SEQ ID NOS: 40
SEQ ID NO 27
LENGTH: 10
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APPLICANT: Robert W. Day
APPLICANT: Nobert W. Day
APPLICANT: Nort Tonnes-Priddy
APPLICANT: Lori Tonnes-Priddy
APPLICANT: Cardon
TITLE OF INVENTION: Methods and nucleic acids for the analysis of colorectal cell
TITLE OF INVENTION: Methods and nucleic acids for the analysis of colorectal cell
TITLE OF INVENTION: Mornia Northern Application Number: US/10/602,494
CURRENT APPLICATION DATE: 2003-06-23
NUMBER OF SEQ ID NOS: 385
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                                      PRIOR APPLICATION NUMBER: 60/293,425
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: AP-PCR Primer G6
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            2002-08-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: artificial sequence
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                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 90.0
Matches 9; Conservative
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Matches 9; Conservative
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                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10 CGGCCGGAT 1
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ORGANISM: Homo Sapiens
            CURRENT FILING DATE:
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US-10-146-354A-4
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                                                                                                                                                                                                                              TYPE: DNA
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APPLICANT: Seymour, Albert B.
APPLICANT: Nelson, Darcy L.
APPLICANT: Nelson, Darcy L.
APPLICANT: Nelson, Darcy L.
APPLICANT: Affourtit, Jason P.
TITLE OF INVENTION: GENETIC POLYMORPHISMS IN THE HUMAN NEUROKININ 1 RECEPTOR GENE AND TITLE OF INVENTION: USES IN DIAGNOSIS AND TREATMENT OF DISEASES
FILE REPERENCE: PC10461AGPR
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Sequence 39, Application US/2002017218A1

Sequence 39, Application No. US2002017218A1

SEDENBALL INFORMATION:

APPLICANT: Wang, Xiao-Yang

TITLE OF INVENTION: Methods of detecting multiple DNA

TITLE OF INVENTION: Detection and DNA interactions in a sample, and

TITLE OF INVENTION: devices, systems and kits for practicing the same.

TITLE OF INVENTION: devices, systems and kits for practicing the same.

CURRENT APPLICATION NUMBER: 60/200, 588

PRIOR PELLING DATE: 2001-03-30

PRIOR APPLICATION NUMBER: 60/314,330

PRIOR APPLICATION NUMBER: 60/314,330

PRIOR APPLICATION NUMBER: 2001-08-20

NUMBER OF SEQ ID NOS: 192

SOGTWARE: FastSEQ for Windows Version 4.0

FENCENTIAL OF THE PRIOR 
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Pred. No. 51;
                                                                                                                                                                                                                 ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 773:
US-09-093-972C-773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/146,354A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: oligonucleotide US-10-113-877-39
TELEPHONE: 609-409-3035
                                         INFORMATION FOR SEQ ID NO: 773:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                            TELEFAX: 413-254-9245
                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 90.0%;
Matches 9; Conservative
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Best Local Similarity 90.0 Matches 9; Conservative
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US-10-758 451-773

US-10-758 451-773

Sequence 773, Application US/10758451

Sequence 773, Application US/10758451

Sequence 773, Application On US20050014711A1

SEMENAL INFORMATION:

APPLICANT: East Carolina University

APPLICANT: East Carolina University

TITLE OF INVENTION: COMPOSITION, PORMULATION & METHOD FOR PREVENTION & TREATMENT OF INTITLE OF INVENTION: INPLAMMATION ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)

TITLE OF INVENTION: INPLAMMATION SET IN UNBER: US/10/758,451

CURRENT APPLICATION NUMBER: US/10/758,451

CURRENT FILING DATE: 1998-06-09

PRIOR APPLICATION NUMBER: 09/093,972

PRIOR FILING DATE: 1998-06-09

NUMBER OF SEQ ID NOS: 996

SOFTWARE: Patentin version 3.1
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| Publication No. US203005045341
| GENERAL INFORMATION: COLLECTIONS OF TITLE OF INVERTION COLLECTIONS OF UNIQUELY TAGGED MOLECULES TITLE OF INVERTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES CURRENT APPLICATION NUMBER: US/08/944,410
| CURRENT FILING DATE: 1997-10-06
| CURRENT FILING DATE: 1997-10-06
| SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52.5%; Score 8.4; DB 1; Length 10; 90.0%; Pred. No. 51;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. 51;
0; Mismatches
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0; Mismatches
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FILE REFERENCE: 06501-089001
CURRENT APPLICATION NUMBER: US/09/974,143A
CURRENT FILING DATE: 2002-04-19
PRIOR PPLICATION NUMBER: PCT/JP00/02281
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52.5%; Score 8.4; 90.0%; Pred. No. 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 90.0.
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Matches 9; Conservative
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APPLICANT: Ose, Asuka
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                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
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US-08-944-410-79/c
                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-758-451-773
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Fublication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF L
TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 1996-06-09
FRIGN APPLICATION NUMBER: 09/093,972
                                                                                                                                                                                                                                                                                                                                            APPLICANT: East Carolina University
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
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                                        Score 8.4; DB 1; Length 10;
Pred. No. 51;
0; Mismatches 1; Indels
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                                      52.5%;
90.0%;
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SOFTWARE: Patentin version 3.1
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SOFTWARE: PatentIn version 3.1
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Matches 9; Conservative
                                                                                     9; Conservative
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                                                                                                                             4 CGGCGGCAT 13
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CORGANISM: Homo sapiens
US-10-758-451-699
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                                        Query Match
Best Local Similarity
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Best Local Similarity
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US-10-602-494-366
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LENGTH: 10
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APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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                                    DB 1; Length 11;
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Pred. No. 58;
                                                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-010-6-1995
APPLICATION NUMBER: US 08/57,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-010-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-0anuary-1998
ATTORNEY/AGENT INFORMATION:
                                  Score 8.4; DB
Pred. No. 58;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATHON NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
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SEQUENCE DESCRIPTION: SEQ ID NO: 772:
                                                                                                                                                                                                                                                             Sequence 772, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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STRANDEDNESS: single
                                52.5%;
90.0%;
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STATE: New Jersey
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INFORMATION FOR SEQ ID NO:
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                                                                           Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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                            Query Match
Best Local Similarity
Matches 9; Conserv
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IITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION

& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
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                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                         52.5%; Score 8.4; DB 1; Length 11; 90.0%; Pred. No. 58;
                                                                                                                                                                                                                                                                                                       1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                  0; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 677:
US-09-093-972C-677
PRIOR APPLICATION NUMBER: JP 11/103356
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 34
SSOTWARE: FastSEQ for Windows Version 4.0
LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 677, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
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CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
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SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 996
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STATE: New Jersey
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                     Conservative
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Best Local Similarity
Matches 9; Consera
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                                                                                                                                                                         FEATURE:
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Score 8.4; DB 1; Length 11;
Pred. No. 58;
                                                                                     1; Indels
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                                                                                 0; Mismatches
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                    US-10-434-588-41/c
; Sequence 41, Application US/10434588
; Publication No. US20030171557A1
; GENERAL INFORMATION:
APPLICANT: Nezu, Jun-Ichi
; APPLICANT: Oku, Asuka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 24, Application US/10628770; Publication No. US20040132052A1; GENERAL INFORMATION:
       52.5%;
90.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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Best Local Similarity 90.0.
Best Good 9; Conservative
           Query Match 52.5
Best Local Similarity 90.0
Matches 9; Conservative
                                                                                                                                                        1 CGCCGCCGC 10
                                                                                                                                                                                                                              1 0000000000 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-434-588-41
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Publication No. US20030162190A1

Publication No. US20030162190A1

GENERAL INFORMATION:
APPLICANT: GORENSTEIN, DAVID G.
APPLICANT: HERZOG, NORBERT
APPLICANT: HERZOG, NORBERT
APPLICANT: TANG XIAN BIN
TITLE OF INVENTION: PHOSPHOROMONOTHIOATE AND PHOSPHORODITHIOATE
TITLE OF INVENTION: OLIGONUCLEOTIDE APTAMER CHIP FOR FUNCTIONAL PROTEOMICS
FILE REFRERNCE: UTMB:10.1

CURRENT APPLICATION NUMBER: US/10/214,417A

CURRENT APPLICATION NUMBER: 60/334,887

PRIOR APPLICATION NUMBER: 60/334,887

PRIOR PILING DATE: 2001-11-15

NUMBER OF SEQ ID NOS: 136

SOFTWARE PATENTIAL OF TAIL OF T
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APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: P1176E2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT PEDICATION NUMBER: 2002-03-27
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR PILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR PILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER: OF SEQ ID NOS: 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic; CTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Sequence is synthesized US-10-112-267-44
                                            Sequence 44, Application US/10112267
Publication No. US20030068678A1
                                                                                                                                                                                     Cohen, Robert
Goddard, Audrey
Gurney, Austin L.
Hillan, Kenneth J.
Lawrence, David A.
Levine, Arnold J.
Pennica, Diane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                    APPLICANT: Botstein, David A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 52.5
Best Local Similarity 90.0
Matches 9; Conservative
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LOCATION: 1-11
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APPLICANT:
APPLICANT:
APPLICANT:
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  Gaps
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APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
TITLE OF INVENTION: POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P11/6R1
CURRENT APPLICATION WURBER: US/10/628,770
CURRENT FILING DATE: 2003-07-28
PRIOR FILING DATE: 1998-10-29
NUMBER OF SEQ ID NOS: 52
SEQ ID NO 24
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Sequence 677, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
APPLICANT: East Carolina University
TITLE OF INVENTION: OCNDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES)
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: 10715-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
FRIDE REFERENCE: 30775-706.301
CURRENT PILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SERIOR PAPLICATION VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 772, Application US/10758451
Publication No. US20050014711A1
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT PILLING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: 09/993,972
PRIOR FILING DATE: 1998-06-09
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Pred. No. 58;
0; Mismatches
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                                                                                                                                                                            ; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-659-549-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52.5%; Score 8.4;
90.0%; Pred. No. 58
                TELEPHONE: 650/225-1896
TELEFAX: 650/952-9801
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                 52.5%;
90.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 772
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 90.0
Matches 9; Conservative
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Matches 9; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-758-451-677
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US-10-758-451-772
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US-10-762-154-12
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winbatin (Genentech)
CURRENT APPLICATION NUMBER: US/10/659,549
FILING DATE: 10-Sep-2003
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-659-549-23/c

Sequence 23, Application US/10659549

Publication No. US20040229307A1

GENERAL INFORMATION:

APPLICANT: Diane Pennica

TITLE OF INVENTION: GUANYLATE-BINDING PROTEIN

NUMBER OF ENGUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSE: Genentech, Inc.

STREET: 1 DNA WAY

CITY: South San Francisco

STATE: CAlifornia

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/015,089A
FILING DATE: 29-Jan-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                      APPLICANT: Nezu, Jun-Ichi
APPLICANT: Oku, Asuka
TITLE OF INVENTION: TRANSPORTER GENES
FILE REFERENCE: 06601-057001
CURRENT APPLICATION NUMBER: US/10/762,154
CURRENT PILING DATE: 2004-01-21
PRIOR APPLICATION NUMBER: US/09/521,195B
PRIOR FILING DATE: 1998-007
PRIOR FILING DATE: 1998-06-20
PRIOR FILING DATE: 1998-09-08
PRIOR FILING DATE: 1998-09-08
PRIOR FILING DATE: 1998-09-08
PRIOR PRIING DATE: 1998-09-08
PRIOR FILING DATE: 1998-09-09
PRIOR FILING DATE: 1998-09-07
PRIOR FILING DATE: 1998-09-07
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REGISTRATION NUMBER: 28,616
                                                                                                                                            Sequence 32, Application US/10762154 Publication No. US20040176574A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52.5%;
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Best Local Similarity 90.0
Matches 9; Conservative
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                              11 CGGAGGCCG 2
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US-09-093-972C-771
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Publication No. US20030087845A1
GENERAL INPORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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                                                         Gaps
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 12;
                     DB 1; Length 11;
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                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: PRIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                         7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
                                      Pred. No. 58;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Amzel, Viviana
REGIGTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INPORMATION:
                   Score 8.4; DF
Pred. No. 58;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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Pred. No. 66;
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 654:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 30-January-1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 654:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                   52.5%;
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STATE: New Jersey
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Ouery Match
Best Local Similarity 90...
9; Conservative
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                                                                                            6 GGCGCCATCG 15
                                                                                                                                 1 GGCGGCATGG 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
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Best Local Similarity
                                                                                                                                                                                                      US-09-093-972C-654
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RESULT 97

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Sequence 771, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION: GENERAL INFORMATION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION TITLE OF INVENTION: COMPOSITION, FORMULATIONS & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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| Publication No. US20030032029A1
| Publication No. US20030032029A1
| Publication No. US20030032029A1
| Publicant Collins, Mark
| TITLE OF INVENTION: THREE DIMENSIONAL METHOD AND APPARATUS FOR TITLE OF INVENTION: SAMPLE PREPARATION AND MULTIPLEX ASSAYS
| TITLE OF INVENTION: SAMPLE PREPARATION AND MULTIPLEX ASSAYS
| FILE REPRENCES: 236/039
| CURRENT APPLICATION UNMBER: US/10/096,718
| CURRENT FILING DATE: 2002-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     52.5%; Score 8.4; DB 1; Length 12; 90.0%; Pred. No. 66;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-JANUARY-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 771:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                            STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 12 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 771:
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                                                                                                                                                                                           NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                              STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9; Conservative
                                                                                                                                                                                                                                                                                                     CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15
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Best Local Similarity
Matches 9; Conserv
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-670-011-387
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Sequence 27600, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Petection of single nucleotide polymorhphisms (SNPs) and cytosin TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 277600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004520 US-10-257-017B-277600
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                               PRIOR FILING DATE: 2002-07-03
PRIOR PELICATION NUMBER: US60/399,348
PRIOR PELICATION NUMBER: US60/406,784
PRIOR PELICATION NUMBER: US60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-05
PRIOR PELICATION NUMBER: US60/440,129
PRIOR PILING DATE: 2003-09-05
PRIOR PELICATION NUMBER: US60/440,129
PRIOR PILING DATE: 2003-01-15
PRIOR PILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 427
SOFTWARE: Patentin version 3.2
SEQ ID NO 387
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Pred. No. 66;
0; Mismatches 1; Indels
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APPLICANT: Alexander Olek; APPLICANT: Christian Piepenbrock; APPLICANT: Kurt Berlin
               APPLICATION NUMBER: US60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                52.5%;
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ORGANISM: Artificial Sequence
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Best Local Similarity 90.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 GGCGGGCGGC 11
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Best Local Similarity '
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Publication No. US20040209932A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, Leonid

APPLICANT: Pavco, Pamela

ITILE OF INVENTION: Growth Factor and Vascular Endothelial

TITLE OF INVENTION: Growth Factor and Vascular Endothelial

FILE REFERENCE: 400/132 (MBHB02-742-G)

CURRENT FILING DATE: 2003-09-23

PRIOR PILING DATE: 2002-09-20

PRIOR APPLICATION NUMBER: US60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06
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APPLICANT: Collins, Mark
TITLE OF INVENTION: INTEGRATING
TITLE OF INVENTION: INTEGRATING
TITLE OF INVENTION: INTEGRATING
TITLE OF INVENTION: INTEGRATING
TITLE OF INVENTION: LABBER PREPARATION AND MULTIPLEX ASSAYS
TITLE OF INVENTION: 236,039
CURRENT PILING DATE: 2002-03-12
PRIOR PLICATION NUMBER: US/09/217,472
PRIOR PLICATION NUMBER: US/09/217,472
PRIOR PLICATION NUMBER: US/09/217,472
SOFTWARE MIGRORIAN OF SEQ ID NOS: 79
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Pred. No. 66;
0; Mismatches 1; Indels
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Pred. No. 66;
0; Mismatches 1; Indels
PRIOR APPLICATION NUMBER: US/09/217,472
PRIOR FILING DATE: 1998-12-21
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Microsoft Word
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 27, Application US/10096718
Publication No. US20030032029A1
                                                                                                                                                                                                                                                               52.5%;
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90.0%;
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Best Local Similarity 90.0
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                  10 GTCGGCATCG 1
                                                                                                                                                                               ; ORGANISM: SYNTHETIC US-10-096-718-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: SYNTHETIC
US-10-096-718-27
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Best Local Similarity
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                                                                                                                                  LENGTH: 12
                                                                                                                                                          DNA
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Sequence 711, Application US/10758451
Publication No. US20050014711A1
Publication No. US20050014711A1
Publication No. US20050014711A1
REBURGATION:
APPLICANT: Bast Carolina University
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
FRICR APPLICATION NUMBER: 09/093,972
PRIOR FILING DATE: 1998-06-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 387, Application US/10764957

Sequence 387, Application US/10764957

Publication No. US200500545961

SEQUENCE INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Bayco, Pamela

APPLICANT: Bayco, Pamela

APPLICANT: Bayco, Pamela

APPLICANT: Bayco, Pamela

APPLICANT: Belgelman, Leo

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/144 (MBHB02-742-0)

FILE REFERENCE: 2004-01-26

PRIOR APPLICATION NUMBER: US/070,011

PRIOR APPLICATION NUMBER: US/070,013

PRIOR APPLICATION NUMBER: US/070,022

PRIOR APPLICATION NUMBER: US/070,022

PRIOR PILING DATE: 2003-09-16

PRIOR FILING DATE: 2003-09-20

PRIOR FILING DATE: 2003-09-20

PRIOR FILING DATE: 2003-03-20

PRIOR FILING DATE: 2002-03-11

PRIOR PILING DATE: 2002-03-11

PRIOR PILING DATE: 2002-03-11

PRIOR PLING DATE: US/073-03-11
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Pred. No. 66;
0; Mismatches 1; Indels
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Pred. No. 66;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             52.5%;
     SOFTWARE: PatentIn version 3.1
SEQ ID NO 654
LENGTH: 12
                                                                                                                                                                                     52.5%;
90.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 771
                                                                                                                                                                                  Query Match
Best Local Similarity 90.0
Matches 9; Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                         2 GGCGGGCGC 11
                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                   US-10-758-451-654
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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: 2010/257,0178
CURRENT FILING DATE: 2000-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 322459
LENGTH: 12
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine TITLE OF INVENTION: methylations FILE REFERENCE: E01/1193/MO CURRENT PELLICATION NUMBER: US/10/257,017B CURRENT FILING DATE: 2002-10-07 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR RILING DATE: 2000-04-07 NUMBER: OF SEQ ID NOS: 382046 SEQ ID NOS: 382046 LENGTH: 12
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Publication No. US20050014711A1
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
FILE REPERBNCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: 09/093,972
PRIOR APPLICATION NOS: 996
NUMBER OF SEQ ID NOS: 996
                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026157 US-10-257-017B-314171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030884 US-10-257-017B-322459
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Pred. No. 66;
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90.0%;
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Best Local Similarity 90.0°
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Best Local Similarity 90.0
Matches 9; Conservative
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APPLICANT: Chen, Tao
APPLICANT: Chen, Tao
APPLICANT: Li, Jinghan
APPLICANT: Li, Jinghan
APPLICANT: Li, Jinghan
APPLICANT: Li, Jinghan
APPLICANT: Chen, Te-Ming
TITLE OF INVENTION: Generation and application of standardized universal libraries
FILE REFERENCE: 85201-232
CURRENT APPLICATION NUMBER: US/10/869,055B
CURRENT APPLICATION NUMBER: PCT/CA02/01941
PRIOR FILING DATE: 2002-12-17
PRIOR FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2263, Application US/10962898
Publication No. US20050222066A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Richards, Ivan
APPLICANT: Richards, Ivan
APPLICANT: Richards, Ivan
APPLICANT: Interference Mediated Inhibition Of Vascular Endothelial
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REPRENCE: 400/236 (MBHB02-742-U)
CURRENT APPLICATION NUMBER: US/10/962,898
CURRENT FILING DATE: 2004-10-12
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Pred. No. 66;
0; Mismatches
                                    PRIOR APPLICATION NUMBER: US/10/096,718
PRIOR FILING DATE: 2002-03-12
PRIOR PPLING DATE: 1998-12-21
PRIOR FILING DATE: 1998-12-21
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Microsoft Word
LENGTH: 12
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PRIOR APPLICATION NUMBER: US 10/944,644
PRIOR FILING DATE: 2004-09-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ) OTHER INFORMATION: forward pcr primer US-10-869-055B-3
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90.0%;
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Best Local Similarity 90.0
Matches 9; Conservative
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                   CURRENT FILING DATE:
                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: SYNTHETIC
US-10-944-920-27
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LENGTH: 12
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US-10-764-957-387
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-09-29
PRIOR FILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
NUMBER OF SEQ ID NOS: 473
SEQ ID NO 387
SEQ ID NO 387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7. Application US/10944920
Publication No. US20050136442A1
GENERAL INFORMATION:
GENERAL INFORMATION:
ITILE OF INVENTION: THREE DIMENSIONAL METHOD AND APPRATUS FOR
ITILE OF INVENTION: INTEGRATING
ITILE OF INVENTION: SAMPLE PREPARATION AND MULTIPLEX ASSAYS
ITILE OF INVENTION: SAMPLE PREPARATION AND MULTIPLEX ASSAYS
ITILE OF INVENTION: SAMPLE PREPARATION AND MULTIPLEX ASSAYS
ITILE OF INVENTION: 236/039
CURRENT APPLICATION NUMBER: US/10/096,718
PRIOR PILING DATE: 2002-03-12
PRIOR PILING DATE: 1998-12-21
NUMBER OF SEQ ID NOS: 79
SSOFIMARE: MICROSOFT WORD
SEQ ID NO 7
LENGTH: 12
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TITLE OF INVENTION: THREE DIMENSIONAL METHOD AND APPARATUS FOR
TITLE OF INVENTION: INTEGRATING
TITLE OF INVENTION: SAMPLE PREPARATION AND MULTIPLEX ASSAYS
FILE REPERENCE: 236/039
CURRENT APPLICATION NUMBER: US/10/944,920
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Pred. No. 66;
0; Mismatches 1; Indels
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Publication No. US20050136442A1
GENERAL INFORMATION:
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Best Local Similarity 90.07
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Best Local Similarity 90.0.
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; ORGANISM: SYNTHETIC
US-10-944-920-7
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; OTHER INFORMATION: Description of Artificial Sequence: sinA sense region US-10-944-611-2263
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PRIOR APPLICATION NUMBER: PCT/US04/16390
PRIOR FILIMD DATE: 2004-05-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 4252
SOFTWARE: Patentin version 3.3
SEQ ID NO 2263
LENGTH: 12
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; Sequence 9. Application US/09943458
; Patent No. US20020110819A1
; GENERAL INPORMATION:
; APPLICANT: AVI BioPharma, Inc.
; TITLE OF INVENTION: Method for Analysis of Oligonucleotide
; TITLE OF INVENTION: Method for Analogs
; FILE REFERENCE: 50450-8038.W000
; CURRENT APPLICATION NUMBER: US/09/943,458
; CURRENT FILING DATE: 2001-08-30
; WIMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSEQ for Windows Version 4.0
; ENGTH: 10
; TYPE: DNA
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Sequence 12, Application US/09154750A

Publication No. US2020055097A1

GENERAL INFORMATION:

APPLICANT: VOGElstein, Bert

APPLICANT: Finzler, Kenneth

APPLICANT: Folyak, Kornelia

TILE REFERENCE: 1107.75357

CURRENT APPLICATION UNMER: 60/059,153

FILE REPLICATION NUMBER: 60/059,153

PRIOR FILING DATE: 1999-09-17

PRIOR PELING DATE: 1998-09-17

PRIOR FILING DATE: 1998-09-17

PRIOR FILING DATE: 1998-03-30

NUMBER OF SEQ ID NOS: 93

SOFTWARE: FastSEQ for Windows Version 3.0

SERVICH: 100
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 8; Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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US-09-943-458-9/c
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APPLICANT: Jadhav, Vasant
APPLICANT: Jadhav, Vasant
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Vaish, Narendra
APPLICANT: Waswagar, James
APPLICANT: Waswagar, James
APPLICANT: Waswagar, James
TITLE OF INVENTION: ROW Interference Mediated Inhibition Of Vascular Endothelial
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Growth Factor And Vascular Endothelial Growth Factor Growther: US/10/944,611
CURRENT FILING DATE: 2004-09-16
PRIOR FILING DATE: 2004-04-23
PRIOR PELIOR DATE: 2003-09-16
PRIOR PELING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: US 10/64,767
PRIOR APPLICATION NUMBER: US 10/64,767
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR PELING DATE: 2003-09-16
PRIOR PELING DATE: 2002-07-03
PRIOR PELING DATE: 2002-07-03
PRIOR PELING DATE: 2002-07-03
PRIOR PELING DATE: 2002-07-29
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                         PRIOR FILING DATE: 2004-05-13
PRIOR PILING DATE: 2004-06-13
PRIOR PILING DATE: 2004-06-13
PRIOR PILING DATE: 2004-06-13
PRIOR PILING DATE: 2004-01-26
PRIOR PLICATION NUMBER: US 10/764,957
PRIOR PLICATION NUMBER: US 10/665,255
PRIOR PLING DATE: 2003-09-16
PRIOR PILING DATE: 2002-07-03
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   APPLICATION NUMBER: US 10/844,076
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) OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA US-09-990-186-1688
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                                                                                                                                                                                  APPLICANT: LIU, Olang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REPERENCE: 8325-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 1688
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1689, Application US/09990186
| Publication No. US20330068675A1
| GREATION OF US20330068675A1
| GREATION OF US20330068675A1
| APPLICANT: LIU, Qiang
| TITLE OF INVENTION: POSTITON DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
| FILE REPERENCE: 8325-0011.21 / S11-US3
| CURRENT APPLICATION NUMBER: US/09/990,186
| UNIMBER OF SEQ ID NOS: 4085
| SOFTWARE: Patentin Ver. 2.0
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Publication No. US20030104526A1

GENERAL INFORMATION:
APPLICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLECTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
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100.0%; Pred. No. 62;
iive 0; Mismatches
                                                                                                                     ; Sequence 1688, Application US/09990186; Publication No. US20030068675A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLECTIDE
TITLE OF INVENTION: TRIPLETS BY ZITC FINGERS
FILE REPERENCE: 8325-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LIU, Oiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLECTIDE
TITLE OF INVENTION: PRIPLETS BY ZINC FINGERS
FILE REPERENCE: 8325-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1277
LENGTH: 10
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US-09-943-458-9
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100.0%; Pred. No. 62;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 62;
tive 0; Mismatches
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100.0%; Pred. No. 62;
vative 0; Mismatches
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Sequence 1277, Application US/09990186
Publication No. US20030068675A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             Sequence 101, Application US/09990186 Publication No. US20030068675A1 GENERAL INFORMATION:
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                           Query Match 50.0
Best Local Similarity 100.
Matches 8; Conservative
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Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1689, Application US/0998994
; Publication No. US2000104526A1
; GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REPERENCE: 8325-0011.20 / S11-US2
; CURRENT PELICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1689
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Sequence 1242, Application US/10033145

Publication No. US2002015155A1

GENERAL INFORMATION:
APPLICANT: GENZYME CORPORATION
APPLICANT: ROBERTS, BRUCKE
APPLICANT: RHANKAN, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REPERENCE: GA0201C
CURRENT FILING DATE: 2001-11-05
FRIOR APPLICATION NUMBER: PCT/US99/13800
PRIOR APPLICATION NUMBER: PCT/US99/13800
PRIOR PILING DATE: 1999-06-18
NUMBER OF SEQ D NOS: 2137
SOFTWARE PARENT VETSION OF SECOND SOFTWARE
SOFTWARE PARENT PARENT
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100.0%; Pred. No. 62;
ative 0; Mismatches
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100.0%; Pred. No. 62;
ative 0; Mismatches
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100.0%; Pred. No. 62;
iive 0; Mismatches
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 8; Conservative
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Best Local Similarity 100.
Matches 8; Conservative
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US-10-033-145-1242
         OTHER INFORMATION: DNA
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Best Local Similarity
Matches 8; Conserv
                       US-09-989-994-1688
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US-09-989-994-1689
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| Publication No. US20030104526A1
| Publication No. US20030104526A1
| GENERAL INFORMATION:
| APPLICANT: LIU, Qiang
| TITLE OF INVENTION: PROSTION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
| FILE REFERENCE: 8235-0011.20 / S11-US2
| CURRENT APPLICATION NUMBER: US/09/989,994
| CURRENT PILING DATE: 2001-11-20
| SOFTWARE OF SEQ ID NOS: 4085
| SEQ ID NO 1277
| LENGTH: 10
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Publication No. US20030104526A1
GENERAL INFORMATION:
APPLICANT: LIU, QISA
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFRERENCE: 8325-0011.20 / S11-US2
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PETENTING DATE: 2001-11-20
SEQ ID NO 1688
LENGTH: 10
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100.0%; Pred. No. 62;
tive 0; Mismatches
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FILE REFERENCE: 8325-0011.20 / $11-US2
CURRENT APPLICATION NUMBER: US/09/989,994
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 101
LENGTH: 10
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 8; Conservative
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US-09-989-994-1277
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100.0%; Pred. No. ...
0; Mismatches
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; Sequence 630, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
    APPLICANT: Velculescu, Victor E.
    APPLICANT: Kinzler, Kenneth W
    APPLICANT: Vogelstein, Bert
    TITLE OF INVENTION: Human Transcriptomes
    FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
    PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
    SOFTWARE: FastSEQ for Windows Version 4.0
    SEQ ID NO 630
    LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Velculescu, Victor B.
APPLICANT: Valculescu, Victor B.
APPLICANT: Vogelaterin, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 09/448,480
PRIOR PILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 629
                 CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 09/448,480
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 628
LENGTH: 10
CURRENT APPLICATION NUMBER: US/10/330,627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 629, Application US/10330627; Publication No. US20030175771A1; GENERAL INFORMATION:
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Best Local Similarity 100.
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Matches 8, Conservative
                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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US-10-330-627-630
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US-10-330-627-630
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                                             Sequence 1653, Application US/10033145
Publication No. US20020151515A1
GENERAL INFORMATION:
APPLICANT: GENERAL SERUCE
APPLICANT: SIANKARA, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GAOZOLC
CURRENT FILING DATE: 2001-11-05
PRIOR PILICATION NUMBER: PCT/US99/13800
PRIOR PILING DATE: 2001-11-05
PRIOR PILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: Patentin Version 3.0
LENGTH: 10
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TITLE OF INVENTION: TOBACCO CULTIVAR NC 2000
FILE REPERENCE: 5051-589
CURRENT APPLICATION NUMBER: US/10/247,857
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/323,908
PRIOR FILING DATE: 2001-09-21
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.2
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100.0%; Pred. No. 62;
ative 0; Mismatches
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Publication No. US20030175771A1
GENERAL INFORMATION:
APPLICANT: Velculescu, Victor E.
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 16, Application US/10247857; Publication No. US20030115642A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CTHER INFORMATION: Coupling marker US-10-247-857-16
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Best Local Similarity 100.
Matches 8; Conservative
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US-10-033-145-1653
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                                  -10-033-145-1653
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LENGTH: 10
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Sequence 21, Application US/10713381
| Publication No. US20040221331A1
| GENERAL INRORANTION:
| APPLICANT: ALBERTSEN, MARC C.
| APPLICANT: FOX, TIMOTHY W.
| APPLICANT: GARNAAT, CARL W.
| APPLICANT: HUFFMAN, TIMOTHY W.
| APPLICANT: HUFFMAN, TIMOTHY W.
| APPLICANT: KENDALL, TIMOTHY W.
| APPLICANT: KENDALL, TIMOTHY W.
| APPLICANT: HUFFMAN, TIMOTHY W.
| APPLICANT: HUFFMAN, TIMOTHY W.
| APPLICANT: HUFFMAN, TIMOTHY DANDER: US/10/713,381
| TITLE OF INVENTION: WABER: US/10/713,381
| TITLE OF INVENTION: WHEER: US/10/713,381
| FILE REFERENCE: 578R
| CURRENT APPLICATION NUMBER: 08/880,499
| FRIOR FILING DATE: 1997-06-23
| NUMBER OF SEQ ID NOS: 24
| SOFTWARE: PATENTIN Ver. 2.0
| SEQ ID NO 21
| LENGTH: 10
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Fublication No. US20040235002A1
GENERAL INFORMATION
APPLICANT: HOLMES, Michael
APPLICANT: TEB, Christin
TITLE OF INVENTION: MULTIPLEX SCREENING ASSAYS
FILE REFERENCE: 8325-0033 (333-US1)
CURRENT APPLICATION NUMBER: US/10/666,923
CURRENT APPLICATION NUMBER: 60/412,345
PRIOR APPLICATION NUMBER: 60/412,345
PRIOR APPLICATION NUMBER: 60/412,345
PRIOR PRIOR SEQ ID NOS: 39
SEQ ID NOS: 2002-09-20
NUMBER OF SEQ ID NOS: 39
SEQ ID NO 32
LENGTH: 10
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100.0%; Pred. No. 62;
tive 0; Mismatches
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100.0%; Pred. No. 62;
ive 0; Mismatches
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APPLICANT: RAZUNATI TAIRA
APPLICANT: TOMOKO WARASHINA
APPLICANT: TOMOKO WARASHINA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
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Best Local Similarity 100.
Matches 8; Conservative
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ORGANISM: Zea mays
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                                                                                                                                                                                                                                                                  Sequence 1, Application US/10228876
Publication No. US20040038400A1
REMERAL INFORMATION:
APPLICANT: Froehlich, Allan C.
APPLICANT: Loros, Jennifer J.
APPLICANT: Loros, Jennifer J.
TILLE OF INVENTION: METHODS FOR REGULATING GENE EXPRESSION USING LIGHT FILE REFERENCE: DC-0194
CURRENT APPLICATION NUMBER: US/10/228,876
CURRENT FILIG DATE: 2002-08-26
NUMBER OF SEG ID NOS: 29
SOFTWARE: Patentin version 3.1
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; Sequence 34, Application US/10301875A
; Sequence 34, Application US/10301875A
; Publication NO.
; Publication NO.
; APPLICANT: YAMAGAKI, KAZUHIKO
; APPLICANT: HAO, DONGYUN
; TITLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
; TITLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
; FILE REFERENCE: 081356/0179
; CURRENT APPLICATION NUMBER: US/10/301,875A
; CURRENT FILING DATE: 2003-06-12
; PRIOR APPLICATION NUMBER: JP 2002/149330
; PRIOR FILING DATE: 2003-06-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin Ver. 2.1
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            Length 10;
     50.0%; Score 8; DB 1;
100.0%; Pred. No. 62;
iive 0; Mismatches
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       Query Match 50.0
Best Local Similarity 100.
Matches 8; Conservative
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LENGTH: 10
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Length 10;

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Sequence 18, Application US/09970820
Patent No. US20020170077A1
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     46.3%; Score 7.4; DB 1;
88.9%; Pred. No. 85;
tive 0; Mismatches 1;
                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,654
FILING DATE: 09-FEB-1996
APPLICATION NUMBER: US 08/485,573
FILING DATE: 07-UN-1995
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: CORUZZI, LAURA A
REGISTRATION NUMBER: 30,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/371,900
FILING DATE: 11.Aug-1999
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 7853-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/970,820
FILING DATE: 05-Oct-2001
CLASSIPICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-371-900-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (212) 869-8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE INFORMATION FOR SEO ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPOLOGY: linear
              STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 GGCGGCATC 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10 GGCTGCATC 2
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US-09-970-820-18/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Natson, Dennis K.
APPLICANT: Papas, Takis S. (Deceased)
APPLICANT: Papas, Takis S. (Deceased)
APPLICANT: Papas, Tula C. (Legal Representative)
TITLE OF INVENTION: Methods and compositions for the diagnosis and treatment of cance
TITLE OF INVENTION: Methods and compositions for the diagnosis and treatment of cance
TITLE OF INVENTION: Dased on transcription factor ETS2
FILE REFERENCE: 10545-015-99
CURRENT FILING DATE: 2001-04-25
PRIOR APPLICATION NUMBER: PCT/US99/27805
PRIOR APPLICATION NUMBER: 06/109,850
PRIOR RILING DATE: 1998-11-25
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5.
TITLE OF INVENTION: Nucleic acid enzymes acquiring an activity for cleaving a TITLE OF INVENTION: target RNA by recognizing another molecule FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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APPLICANT: FALB, DEAN A
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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Pred. No. 79;
0; Mismatches 2; Indels
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Pred. No. 85;
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CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                               CURRENT APPLICATION NUMBER: US/09/974,974
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: UP 2000-313320
PRIOR FILING DATE: 2000-10-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/09841963A Patent No. US20020081601A1 GENERAL INFORMATION:
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Patent No. US20020137700A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                       48.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     9; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7 GCGCCATCG 15
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Best Local Similarity
Matches 9; Conserv
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Best Local Similarity
Matches 8; Conserv
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RESULT 137
US-09-899-595-18/C
i Sequence 18, Application US/09899595
i Publication No. US20030018994A1
i GENERAL INFORMATION:
TITLE OF INVENTION: FORMOGER: 154413-3885
i CURRENT APPLICATION NUMBER: US/09/899,595
i CURRENT PILING DATE: 2001-07-05
i PRIOR PRILING DATE: 2000-07-05
i NUMBER OF SEQ ID NOS: 18
i SEQ ID NOS: 18
i LENGTH: 10
i LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-990-186-1284

US-09-990-186-1284

Sequence 1284, Application US/09990186

Publication No. US20030068675A1

GENERAL INFORMATION:

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

FILE REFERENCE: 8125-0011.21 / S11-US3

CURRENT APPLICATION NUMBER: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SEQ ID NO 1284

LENGTH: 10
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US-09-990-186-1284
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Pred. No. 85;
0; Mismatches 1; Indels
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Pred. No. 85;
0; Mismatches 1; Indels
                                                                                                      Score 7.4; DB 1; Length 10; Pred. No. 85;
                                                                                                                                                   Indels
                                                                                                                                                   0; Mismatches
                    ; HYPOTHETICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-986-718-18
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  46.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      46.3%;
88.9%;
                                                                                                      Query Match
Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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                                                                                                                                                                                           6 GGCGCCATC 14
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Best Local Similarity
Matches 8; Conserv
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Sequence 18, Application US/0996718
Patent No. US20020178458A1
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREE OF INVENTION: COMPOSITIONS AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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MEDIUM TYPE: RIOPPY disk

MEDIUM TYPE: RIOPPY disk

COMPUTER: IN PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOSTWARR: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/986,718

FILING DATE: 09-No. US20020178458A1-2001

CLASSIFYCATION CURNOWN>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/485,573

FILING DATE: CUNROWN>

ATTORNEY ABORT INFORMATION:

NAME: COTUZZi, Laura A.

REGISTRATION NUMBER: 36,742

REGISTRATION NUMBER: 36,742

REGISTRATION NUMBER: 36,742

REGISTRATION NUMBER: 36,742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
46.3%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 85;
Matches 8; Conservative 0; Mismatches 1; Indels
                                                                       NAME: COLUZI, LAURA A.
REGISTRATION NUMBER: 30,742
REGISTRENNE/DOCKET NUMBER: 7853-032
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 865-8864
TELEFAX: (512) 790-909
TELEFAX: (512) 865-8864
TELENGTH: 10 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
               APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 38
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6 GCCGCCATC 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10 GGCTGCATC 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1284, Application US/0989994

Publication No. US20030104526A1

GENERAL INRORMATION:

A PELICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

FILE REFRENCES: 8325-0011.20 / S11-US2

CURRENT APPLICATION NUMBER: US/09/989,994

CURRENT FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SOOTWARKE: PATENTIN VEr. 2.0

SEQ ID NO 1284

LENGTH: 10
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COMPUTER: FLORDY disk
COMPUTER: IBM PC Compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNknown>
PRIOR APPLICATION: <Unknown>
PRIOR APPLICATION: <Unknown>
PRIOR APPLICATION: <Unknown>
PRIOR DATE: 7-June-1995
APPLICATION NUMBER: US 08/72,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/72,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 7-June-1998
ATTORNEY/AGENT: NUPREMEN: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT: NUPREMENTION:
NAMEL AND ADDITION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1; Length 10;
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                          ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NOMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 46.3%; Score 7.4; DI
88.9%; Pred. No. 85;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 789:
US-09-093-972C-789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 789:
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                                                                                                                                                ZIP: 08512
COMPUTER READABLE FORM:
CORRESPONDENCE ADDRESS:
                                                                                                   STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'ELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 88.9
Matches 8; Conservative
                                                                            CITY: Cranbury
                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7 GCGGCATCG 15
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US-09-989-994-1284
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                                                                                                                                                                  COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 789, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        46.3%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 85; tive 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                           ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 30-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-June-1998
FILING DATE: 30-June-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 678:
US-09-093-972C-678
                                                                                                                                TITLE OF INVENTION: COMPOSITION, FO
                                                               Sequence 678, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 678:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                             CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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                                            US-09-093-972C-678
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; Sequence 476, Application US/10033145; Publication No. US20020151515A1; GENERAL INFORMATION: APPLICANT: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 210, Application US/10223765; Publication No. US20030165997A1; GENERAL INPORMATION: APPLICANT: Kim, Jin-Soo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bae, Kwang-Hee
Park, Kyung-Soon
Kwon, Young Do
Ryu, Eun-Hyun
Hwang, Moon-Sun
                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8; Conservative
                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                 8 CGCCATCGT 16
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US-10-223-765-210
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                                                                                                                                                                                                                                                       SEQ ID NO 476
LENGTH: 10
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APPLICANT:
APPLICANT:
APPLICANT:
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| Publication No. US20020151515A1
| GENERAL INFORMATION:
| APPLICANT: GENEYEE CREPORATION
| APPLICANT: GENEYEE SETINGE
| TILLE REFERENCE: GA0201C
| CURRENT APPLICATION NUMBER: US/10/033,145
| CURRENT FILING DATE: 1099-06-18
| PRIOR PLING DATE: 1999-06-18
| WUMBER OF SEQ ID NOS: 2137
| SOFTWARE: PAGENTIN VERSION 3.0
| SEQ ID NO 2055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ROBERTS, BRUCE
APPLICANT: SHANKARA, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GA0201C
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: Patentin version 3.0
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 7.4; DB 1; Length 10;
Pred. No. 85;
0; Mismatches 1; Indels
              Score 7.4; DB 1; Length 10;
Pred. No. 85;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      46.3%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 85; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 240, Application US/10033145
Publication No. US20020151515A1
GENERAL INFORMATION:
APPLICANT: GENZYME CORPORATION
                46.3%;
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Best Local Similarity 88.97
Query Match
Best Local Similarity 88.7
Para 8; Conservative
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US-10-033-145-205
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Best Local Similarity
Matches 8; Conserv
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US-10-319-465-129
Sequence 129, Application US/10329465
Fublication No. US20030165949A1
Sequence 129, Application US/10329465
Sequence 129, Application No. US20030165949A1
GENERAL INFORMATION:
TITLE OF INVENTION: FUSION
FILE REFERENCE: 27373/37928A
CURRENT APPLICATION NUMBER: US/10/329,465
CURRENT PILING DATE: 2002-12-23
FRIOR PILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 315
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 129
LENGTH: 10
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APPLICANT: ROBERTS, BRUCE
APPLICANT: SHANKARA, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GA0201C
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: PCT/US99/13800
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              46.3%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 85;
                                                                                                                                                                                                                                                                                                                                                                              46.3%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 85;
                                                                                                                                                                                                                                                                                                                                                                                                                             1; Indels
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                                                                                                                                                                 46.3%; Score 7.4; DB 1; Length 10;
88.9%; Pred. No. 85;
tive 0; Mismatches 1; Indels
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88.9%; Pred. No. 85;
tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Indels
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Bublication No. US20030175771A1

GENERAL INFORMATION:
APPLICANT: Valculescu, Victor E.
APPLICANT: Valculescu, Victor E.
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319

CURRENT APPLICATION NUMBER: US/10/330,627

CURRENT PILING DATE: 1999-11.24

NUMBER OF SEQ ID NOS: 1564

SOFTWARE: FASEESQ for Windows Version 4.0

SEQ ID NO 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
46.3%; Score 7.4; DB
Best Local Similarity 88.9%; Pred. No. 85;
Matches 8; Conservative 0; Mismatches
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Sequence 239, Application US/10330627
GENERAL INFORMATION:
APPLICANT: Velculescu, Victor E.
APPLICANT: Varialer, Kenneth W
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00119
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
FRIOR APPLICATION NUMBER: US/09/448,480
FRIOR APPLICATION NUMBER: US 09/448,480
FRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FRRESEQ FOR WINDOWS Version 4.0
             SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                              8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
                                                                               ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-57
                                                                                                                                                                                                                                                       4 CGGCGGCA 12
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CORGANISM: Homo sapiens
US-10-330-627-129
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; ORGANISM: Homo sapiens
US-10-330-627-239
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Best Local Similarity
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US-10-330-627-129/c
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LENGTH: 10
                                    SEQ ID NO 57
LENGTH: 10
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88.9%; Pred. No. 85;
tive 0; Mismatches 1; Indels
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; OTHER INFORMATION: synthetically generated oligonucleotide
US-10-223-765-210
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FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: US/10/223,765
CURRENT PILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: 60/374,355
PRIOR PILING DATE: 2002-04-22
PRIOR PILING DATE: 2002-04-22
PRIOR PILING DATE: 2001-08-17
PRIOR PILING DATE: 3001-08-17
NUMBER OF SEQ ID NOS: 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Velciniesu, Victor E.
APPLICANT: Kinzler, Kenneth W
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT PILING DATE: 12002-12-30
PRIOR APPLICATION NUMBER: US 09/448,480
PRIOR APPLICATION NUMBER: US 09/448,480
NUMBER OF SEQ ID NOS: 1564
NUMBER OF SEQ ID NOS: 1564
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Publication No. US20030175771A1
GENERAL INFORMATION:
APPLICANT: Volculescu, Victor E.
APPLICANT: Kinzler, Kenneth W
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107,00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT APPLICATION NUMBER: US 09/448,480
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 27, Application US/10330627
Publication No. US20030175771A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.99
Matches 8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens
US-10-330-627-27
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                                                                                                                                                                                                         SEQ ID NO 210
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Sequence 1464, Application US/10330627
; Sequence 1464, Application US/10330627
; Publication No. US20030175771A1
GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFRENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT APPLICATION NUMBER: US 09/448,480
; PRIOR PILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SEQ ID NOS: 1564
; SEQ ID NO 1464
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| GENERAL INFORMATION: | GENERAL INFORMATION: | APPLICANT: Velculescu, Victor E. |
| APPLICANT: Kinzler, Kenneth W | APPLICANT: Vogelstein, Bert |
| TTILE OF INVENTION: Human Transcriptomes | FILE REFERENCE: 001107.00319 |
| CURRENT APPLICATION NUMBER: US/10/330,627 |
| CURRENT FILING DATE: 1202-12-30 |
| PRIOR APPLICATION NUMBER: US/448,480 |
| NUMBER OF SEQ ID NOS: 1564 |
| NUMBER OF SEQ ID NOS: 1564 |
| SOFTWARE: FREUSEQ for Windows Version 4.0
                 APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
PRIOR PRIOR DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1346
LENGTH: 10
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Best Local Similarity 88.9%; Pred. No. 85;
Matches 8; Conservative 0; Mismatches
Kinzler, Kenneth W
                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 86.9
---- 8; Conservative
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US-10-330-627-1464
                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-10-330-627-1346
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US-10-330-627-1530/c
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46.3%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 85;
Matches 8; Conservative 0; Mismatches 1; Indels
                                                                                                                         Sequence 407, Application US/10330627

Sequence 407, Application US/10330627

Publication No. US20030175771A1

GENERAL INFORMATION:

APPLICANT: Velculescu, Victor E.

APPLICANT: Vogelstein, Bert

TITLE OF INVERTION: Human Transcriptomes

FILE REFERENCE: 001107.00319

CURRENT APPLICATION NUMBER: US/10/330,627

CURRENT FILING DATE: 2002-12-30

FRIOR APPLICATION NUMBER: US 99/448,480

PRIOR FILING DATE: 1999-11-24

NUMBER OF SEQ ID NOS: 1564

SEQ ID NO 407

LENGTHARE: PASISEQ for Windows Version 4.0

LENGTHARE: PASISED
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Sequence 1318, Application US/10330627
Sequence 1318, Application US/10330627
Publication No. US-20030175771A1
SEMERAL INFORMATION:
APPLICANT: Velculescu, Victor E.
APPLICANT: Victor E.
APPLICANT: Victor E.
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US 09/448,480
PRIOR PILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FREESEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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; ORGANISM: Homo sapiens
US-10-330-627-407
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CORGANISM: Homo sapiens
US-10-330-627-1318
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1 CGGCGGGCG
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US-10-330-627-407/c
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LENGTH: 10
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46.3%; Score 7.4; DB 1; Length 10; 88.9%; pred. No. 85; tive 0; Mismatches 1; Indels
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                                                                                                                             US-10-314-578-1141/c
; Sequence 1141, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Schetter, Christian
; APPLICANT: Schetter, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSEQ for Windows Version 3.0
; LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 22, Application US/1029322
Publication No. US200400339321
GENERAL INPORMATION:
APPLICANT: Vereteeg, Rogier
APPLICANT: Caron, Hubertus N.
TITLE REFERENCE: 2183-5580US
CURRENT FILING DATE: 2002-11-12
FRIOR APPLICATION NUMBER: US/10/293,222
CURRENT FILING DATE: 2001-65-11
FRIOR FILING DATE: 2000-65-11
FRIOR PRILING DATE: 2000-65-11
FRIOR FILING DATE: 2000-65-11
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FRIOR PRILING DATE: 2000-65-11
FRIOR FILING DATE: 2000-65-11
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   y Match
Local Similarity 88.9%;
les 8; Conservative (
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ORGANISM: Homo sapiens
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           10 GGCTGCATC 2
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Best Local S
Matches 8
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Publication No. US20030188327A1
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/186,950
FILING DATE: 02-Jul-2002
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                           46.3%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 85;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 46.3%; Score 7.4; DB 1; Length 10; Best Local Similarity 88.9%; Pred. No. 85; Matches 9; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                      1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/944,496
FILING DATE: «Uhrnown»
APPLICATION NUMBER: US 08/599,654
FILING DATE: 09-FEB-1996
APPLICATION NUMBER: US 08/485,573
FILING DATE: 07-00-1995
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
                                                                                                                                                                                                   0; Mismatches
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NAMB: COUZZI, LAGURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-104
TELECOWNUNICATION INFORMATION:
TELEPHONE: (212) 790-9990
TELEPHONE: (212) 869-8864
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US-10-186-950-18
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STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                         Query Match
Best Local Similarity 88.9
Matches 8; Conservative
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-1530
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US-10-186-950-18/c
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9 GGCAGCATC 1

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6 GCCGCCATC 14

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US-10-758-451-678

Sequence 678, Application US/10758451

Sequence 678, Application US/101111

GENERAL INFORMATION:

APPLICANT: East Carolina University

APPLICANT: East Carolina University

TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF 1

TITLE OF INVENTION: INFLAMMATION

TITLE OF INVENTION: INFLAMMATION

TITLE OF INVENTION INMERS: US/10/758,451

CURRENT APPLICATION NUMBER: US/10/758,451

CURRENT PILING DATE: 2004-01-14

FRIOR PILING DATE: 1998-06-09

NUMBER OF SEQ ID NOS: 996
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                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-301-875A-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide
US-10-301-875A-36
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) APPLICANT: YAMASALI, KAZUHIKO
) APPLICANT: HAO, DONGYUN
) TITLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
) TITLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
) FILE REFERENCE: 081356/0179
) CURRENT APPLICATION NUMBER: US/10/301,875A
) CURRENT FILING DATE: 2003-06-12
) FRIOR PILING DATE: 2002-05-23
) NUMBER OF SEQ ID NOS: 37
; SOGTWARE: PACENTIN VET: 2.1
; SGO ID NO 36
) LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                       46.3%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 85; ive 0; Mismatches 1; Indels
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Pred. No. 85;
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CURRENT APPLICATION NUMBER: US/10/301,875A
CURRENT FILING DATE: 2003-06-12
PRIOR APPLICATION NUMBER: JP 2002/149330
PRIOR FILING DATE: 2005-05-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 35
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 36, Application US/10301875A; Publication No. US20040091874A1; GENERAL INFORMATION:
                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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Best Local Similarity 88.9%;
Matches 8; Conservative
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Best Local Similarity 88.5
Matches 8; Conservative
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                                                                                                                                                                                                  TYPE: DNA
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; Publication No. US20040038400A1
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Loros, Jennifer J.
; APPLICANT: Dunlap, Jay C.
; APPLICANT: Dunlap, Jay C.
; TITLE REFERENCE: DC-0194
; CURRENT APPLICATION NUMBER: US/10/228,876
; CURRENT RIING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2.
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APPLICANT: HAO, DONGYUN
TITLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                Sequence 24, Application US/1029322
Publication No. US200400339321
GERREAL INFORMATION:
APPLICANT: Verstees, Rogier
APPLICANT: Caron, Hubertus N.
TITLE OF INVENTION: MYC targets
TILE REFERENCE: 2183-5580US
CURRENT APPLICATION NUMBER: US/10/293,222
CURRENT FILING DATE: 2002-11-12
PRIOR APPLICATION NUMBER: EP CVI/NIO/00361
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: EP 00201698.8
PRIOR FILING DATE: 2000-06-29
NUMBER OF SEQ ID NOS: 455
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
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Pred. No. 85;
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; Sequence 35, Application US/10301875A
; Publication No. US20040091874A1
; GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 8; Conservative
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Best Local Similarity 88.33,
8; Conservative
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US-10-228-876-2
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ORGANISM: Homo sapiens
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         Gaps
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Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT PILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
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3-09-758-073-5/c
; Patent No. US20010024785A1
; GENERAL INFORMATION:
; APPLICANT: Keinath, et al.
; TITLE OF INVENTION: Method of Diagnosing Gummy Stem Blight in
; TITLE OF INVENTION: Plants Using a Polymerase Chain Reaction Assay
                                                                                                                                                US-10-877-659-217/c

Sequence 217, Application US/10827659

Sequence 217, Application US/10827659

Publication No. US20060235382A1

GENERAL INFORMATION:

APPLICANT: Moneanto Technology LLC

TITLE OF INVENTION: PLANT REGULATORY SEQUENCES FOR SELECTIVE CONTROL

FILE REFERENCE: Docket number 18-21 (52710)C

CURRENT APPLICATION NUMBER: US/10/827,659

CURRENT FILING DATE: 2004-04-19

NUMBER OF SEQ ID NOS: 231

SOOFWARE: Patentin version 3.2

SEQ ID NO 217

LENGTH: 10
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88.9%; Pred. No. 85;
iive 0; Mismatches 1; Indels
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           1; Indels
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           0; Mismatches
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Best Local Similarity 75.0.

Best Local Similarity 75.0.
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Best Local Similarity 88.9
Matches 8; Conservative
         8; Conservative
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                                                               2 CGGCGGACG 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10 GGGGGCGG 2
                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Zea mays
US-10-827-659-217
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LENGTH: 12
         Matches
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GENERAL INFORMATION:
GENERAL INFORMATION:
TOTAL OF INVENTION:
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: DNA PROBE DESIGNING APPARATUS AND INFORMATION PROCESSING METHOD
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: 103460.003438
CURRENT FILING DATE: 2004-03-22
PRIOR FILING DATE: 2003-04-02
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PALENTIN VERSION 3.2
SSOFTWARE: PALENTIN VERSION 3.2
LENGTH: 10
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                                                                                                                            Query Match
46.3%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 85;
Matches 8; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
SOFTWARE: PatentIn version 3.1
SEQ ID NO 678
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Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA; ORGANISM: Homo sapiens
US-10-758-451-789
                                                     TYPE: DNA
ORGANISM: Homo sapiens
US-10-758-451-678
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 789
LENGTH: 10
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STATE: LILICAGE
COUNTRY: USA
ZID: 60606-6402
COMPUTER READBLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/789,996
FILING DATE: 21-Feb-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
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TITLE OF INVENTION: Gustducin Materials and Methods
NUMBER OF SEQUENCES: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSER: MARSHALL, GERSTEIN & BORUN
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
               OURRATING SYSTEM: Windows SERVING SYSTEM: Windows Version 2.0 SOFTWARE: Fast SEQ for Windows Version 2.0 SOFTWARE: Fast SEQ for Windows Version 2.0 APPLICATION NUMBER: US/09/811,259 FILING DATE: 16-Mar-2001 PRIOR APPLICATION NUMBER: 08/191,469 FILING DATE: 12-APR-1996 APPLICATION NUMBER: 08/191,352 FILING DATE: 25-MAR-1993 APPLICATION NUMBER: 07/837,192 FILING DATE: 25-MAR-1993 APPLICATION NUMBER: 07/837,192 FILING DATE: 13-FEB-1991 APPLICATION NUMBER: 07/655,965 FILING DATE: 14-FEB-1991 APPLICATION NUMBER: 07/655,965 FILING DATE: 14-FEB-1991 APPLICATION NUMBER: 35,283 REGISTRATION NUMBER: 35,283 REGISTRATION NUMBER: 35,283 REGISTRATION NUMBER: 35,283 REGISTRATION NUMBER: 00786/322001 TELECOMMUNICATION: NUMBER: 00786/322001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     43.8%; Score 7; DB 1; L
100.0%; Pred. No. 1e+02;
vative 0; Mismatches 0
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APPLICATION NUMBER: US 09/421,796
FILING DATE: 10-OCT-1999
APPLICATION NUMBER: US 08/124,807
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APPLICATION NUMBER: US 08/407,804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-811-259-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-789-996-45; Sequence 45, Application US/09789996; Publication No. US20030013119A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 617-542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGIH: 10 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 200107
INFORMATION FOR SEQ ID NO: 4:
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Best Local Similarity 100.
Matches 7; Conservative
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0
                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Judy C. Jarecki-Black, Ph.D.
ADDRESSEE: Dority & Manning, P.A.
STREET: Dority & Manning, P.A.
STREET: Greenville
STATE: South Carolina
CONTEX: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Commercially Available Primer PUBLICATION INFORMATION: No. US20010024785A1 Applicable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                              ZIP: 29601
COMPUTER READABLE FORM:
MEDIOM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: DISK COMPUTER: SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/758,073
FILING DATE: Filed Herewith
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Daniel K. Podolsky
TITLE OP INVENTION: INTESTINAL TREFOIL PROTEINS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE: No
ORIGINAL SOURCE: Operon Technologies (Alemeda, CA)
IMMEDIATE SOURCE: Operon Technologies
POSITION IN GENOME: No. US20010024785A1 Applicable
                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRICRADIO DATA:
APPLICATION NUMBER: 60/076,103
FILIND DATE: 16-MAR-1998
ATTORNEY/AGENT INFORMATION:
NAME: Judy C. Jarcki-Black, Ph.D.
REGISTRATION NUMBER: P44,170
REFERENCE/DOCKET NUMBER: CXU-291
TELEPHONE: (864) 231-7342
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 Pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: Other Nucleic Acid
DESCRIPTION: Oligonucleotide Primer
HYPOTHETICAL: No
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Patent No. US20020052483A1
GENERAL INFORMATION:
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ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.
Matches 7; Conservative
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Linear
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US-09-811-259-4
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NUMBER OF SEQ ID NOS: 4085
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; Sequence 1040, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: PRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE PARENTIN VET: 2.0
; SEQ ID NO 1640
; SEQ ID NO 1640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA US-09-990-186-1640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1641, Application US/09990186
Publication No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIU, Olang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8125-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; tive 0; Mismatches 0; Indels
FILING DATE: 20-MAR-1995
APPLICATION NUMBER: US 06/045,801
FILING DATE: 08-APR-1993
APPLICATION NUMBER: US 07/868,353
FILING DATE: 09-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: NO. US20030013119Aland, Greta E.
REGISTRATION NUMBER: 35,302
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 43.8
Best Local Similarity 100.
Matches 7; Conservative
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ABLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
TITLE OF INVENTIONS & CONDITIONS ASSOCIATED WITH
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA
US-09-990-186-1641
                                                                                                                                                                                                                                                                                    ..
0
                                                                                                                                                                                                                                      Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                              1e+02;
                                                                                                                                                                                                                                 43.8%; Score 7; DB 1;
100.0%; Pred. No. 1e+02
Live 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/472,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: DNA (genomic);
SEQUENCE DESCRIPTION: SEQ ID NO: 843:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 843, Application US/09093972C Publication No. US20030087845Al GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 413-254-9245
TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 843:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New Jersey
COUNTRY: USA
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1641
LENGTH: 10
                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 7; Conservative
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APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                              TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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COMPUTER: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C

FILING DATE: 0-Jun-1998

CLASSIFICATION NUMBER: US 08/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/72,024

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/72,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/72,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 09/016,464

FILING DATE: 7-June-1998

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         le+02;
0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43.8%; bcc. 100.0%; Pred. No. ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 864:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 873, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION:
                   Sequence 864, Application US/09093972C Publication No. US20030087845A1 GENERAL INFORMATION: APPLICANT: Nyce, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 864: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                     NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                               ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                       CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 43.8
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JS-09-093-972C-864
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                                                                                                                                                                                                                                                                    Sequence 854, Application US/09093972C
Publication No. US20030087845A1
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                     Gaps
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093, 972C
FILING DATE: 09-Jun-1998
CLASSIFICATION SURKNOWN>
PRIOR APPLICATION DATA:
                   43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 43.8%; Score 7; DB 1; Len
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILLING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/472,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 854:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New Jersey
Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                2 GGCGGGC 8
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Best Local Similarity
Matches 7; Conserv
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US-09-093-972C-864
                                                                                                                                                                                                                              RESULT 174
US-09-093-972C-854
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OTHER INFORMATION: DASCRIPTION Of Artificial Sequence: example target; OTHER INFORMATION: DNA
US-09-989-994-1640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: example target OTHER INFORMATION: DNA
                                                                                                                                           Sequence 1640, Application US/09989994

Publication No. US20030104526A1

GENERAL INFORMATION:

APPLICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

TITLE OF INVENTION: TRIPLETS BY 210-US2

CURRENT APPLICATION NUMBER: US/09/989, 994

CURRENT PILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1640

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1641, Application US/0998994

Publication No. US20030104526A1

GENERAL INFORMATION:

ABPLICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

TITLE OF INVENTION: TRIPLETS BY 21NC FINGERS

TITLE OF INVENTION NUMBER: US/09/989, 994

CURRENT FILING DATE: 2001-11-20

SOOFWARE: PatentIN Ver. 2.0

SEQ ID NO 1641

LENGTH: 10
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100.0%; Pred. No. 1e+02;
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Matches 7; Conservative 0; Mismatches
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Sequence 11, Application US/10033145
Publication No. US20020151515A1
GENERAL INFORMATION
APPLICANT: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
           8 CGGCATC 14
                              3 CGCCATC 9
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                                                                                                              RESULT 178
US-09-989-994-1640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-989-994-1641
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Sequence 27, Application US/0993362
Publication No. US20030096241A1
GENERAL INFORMATION:
APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS FILE REPERENCE: E6114-01
CURRENT APPLICATION NUMBER: US/09/953,562
CURRENT PILING DATE: 2003-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-03-22
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Gaps
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                                                                                              43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; Live 0; Mismatches 0; Indels
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REGISTRATION CKET NUMBER: EPI-00672
TELECCHMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 873:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 873;
                                                                               COMPUTER READABLE FORM:
CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                            USA
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; ORGANISM: homo sapiens
US-09-953-562-27
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; bublication No. US20020151515A1
; bublication No. US20020151515A1
; carbaration No. US20020151515A1
; carbaration No. US20020151515A1
; papLicant: GNDERTS: BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OP INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT FILING DATE: 2001-11-05
; PRIOR PAPLICATION NUMBER: PCT/US99/13800
; RINGR PAPLICATION NUMBER: PCT/US99/13800
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                   Sequence 1146, Application US/10033145
; Sequence 1468, Application US/10033145
; Publication No. US20020151515A1
; GENERAL INFORMATION:
; APPLICANT: GENERICS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TILE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR PELICATION NUMBER: PCT/US99/13800
; RIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                      0; Indels
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                                                                                                           Length 10;
                                                                                                        DB 1; L/
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100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0
                                                                                           43.8%; Scor. 100.0%; Pred. No. 100.0%; Pred. No. 100.0%; Mismatches
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Best Local Similarity 100.
Matches 7; Conservative
                                                                                      Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Homo sapiens
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-855
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US-10-033-145-1468
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Sequence 441, Application US/10033145

PUblication No. US2002015155A1

GENERAL INFORMATION:
APPLICANT: GENZYME CORPORATION
APPLICANT: SHANKARA, SRINIYAS
ITILE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GAO21C
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 1999-06-18
FRIOR APPLICATION NUMBER: PCT/US99/13800
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PatentIn version 3.0
LENGTH: 10
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APPLICANT: GENZYME CORPORATION
APPLICANT: ROBERTS, BRUCE
APPLICANT: SHANKARA, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GAO201C
CURRENT APPLICATION UNMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR FILING DATE: 2001-11-05
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PATENTIN VERSION 3.0
               APPLICANT: SHANKEA, SILNIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GA0201C
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: PGT/US99/13800
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: Patentin version 3.0
LENGTH: 10
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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US-10-033-145-855/c
, Sequence 855, Application US/10033145
; Publication No. US20020151515A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 7; Conservative
  ROBERTS, BRUCE
                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Homo sapiens
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  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                         Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-313-642-5

Sequence 5, Application US/10313642

Publication No. US20030134797A1

GENERAL INFORMATION:

APPLICANT: Podolsky, Daniel K.

TITLE OF INVENTION: Intestinal Trefoil Proteins

TILE OF INVENTION INTESTINAL

CURRENT APPLICATION NUMBER: US/10/313,642

CURRENT FILING DATE: 2002-12-06

PRIOR APPLICATION NUMBER: US 09/313,434

PRIOR APPLICATION UNDERE: US 09/313,434

PRIOR APPLICATION UNDERE: US 09/313,434

NUMBER OF SEQ ID NOS: 21

SOFTWARE: FRACER FOR MINDOME VERSION 4.0

SEQ ID NO 5.

LENGTH: 10
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Pred. No. 1e+02;
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TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: US/10/223,765
CURRENT FILING DATE: 2002-08-19
                                                                                                                                                                                                                                                                                                                ) OTHER INFORMATION: Synthetic Oligonucleotide US-10-141-263-6
                                                                                                                                                                                                                                                                                                                                                                                    43.8%; Score 7; DB ]
ilarity 100.0%; Pred. No. 1e-
Conservative 0; Mismatches
                               FILE REFERENCE: WICOL-WROO3
CURRENT APPLICATION NUMBER: US/10/141,263
CURRENT FILING DATE: 2002-05-07
FRIOR APPLICATION NUMBER: 60/289,166
PRIOR PILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Oligonucleotide for PCR
            TITLE OF INVENTION: Cell Proliferation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 201, Application US/10223765; Publication No. US20030165997A1; GENERAL INFORMATION: APPLICANT: Bae, Kwang-Hee; APPLICANT: Bae, Kwang-Soon; APPLICANT: Rwan, Young Do; APPLICANT: Ryu, Eun-Hyun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/374,355
PRIOR FILING DATE: 2002-04-22
                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
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Best Local Similarity
Matches 7; Conservat
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APPLICANT:
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                                                                                                            Sequence 2124, Application US/10033145
Fublication No. US20020151515A1
GENERAL INFORMATION:
APPLICANT: GENERAL; BRUCE
APPLICANT: ROBERTS, BRUCE
TITLE OF INVENTION: PERPARATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GA0201C
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: PCT/US99/13800
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PatentIn version 3.0
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US-10-141-263-5

Sequence 5, Application US/10141263

Publication No. US20020165196A1

GENERAL INPORMATION:

APPLICANT: Wickstrom, Eric

TITLE OF INVENTION: Oligonucleotide Inhibitors of Cancer:

TITLE OF INVENTION: Cell Proliferation

FILE REFERENCE: WICO1-NP003

CURRENT APPLICATION NUMBER: US/10/141,263

FRIOR PILING DATE: 2002-05-07

NUMBER OF SEQ ID NOS: 7

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 5

LENGTH: 10
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; Publication No. US20020165196A1
; GENERAL INFORMATION
; APPLICANT: Wickerom, Eric
; TITLE OF INVENTION: Oligonucleotide Inhibitors of Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic Oligonucleotide US-10-141-263-5
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Best Local Similarity 100.
Matches 7; Conservative
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; ORGANISM: Homo sapiens
US-10-033-145-2124
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Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 7; Conservative 0; Mismatches 0; Indels
                       43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; tive 0; Mismatches 0; Indels
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US-10-330-627-924
Squence 924, Application US/10330627
Publication No. US20030175771A1
GENERAL INFORMATION:
APPLICANT: Velculescu, Victor E.
APPLICANT: Vogelstein, Bert.
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 09/448,480
PRIOR PILING DATE: 1999-11-24
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 924
                                                                                                                                                                                                                                                                Sequence 923, Application US/10330627
Publication No. US20030175771A1
GENERAL INFORMATION:
APPLICANT: Velculescu, Victor E.
APPLICANT: Velculescu, Victor E.
APPLICANT: Vogelstein, Bert
ITILE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FRASEEQ for Windows Version 4.0
                       Query Match 43.8
Best Local Similarity 100.
Matches 7; Conservative
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; ORGANISM: Homo sapiens
US-10-330-627-923
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US-10-330-627-924
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Best Local Similarity
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; OTHER INFORMATION: synthetically generated oligonucleotide
US-10-223-765-201
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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Sequence 384, Application US/10330627

Sequence 384, Application US/10330627

PUDLIcation No. US20030175771A1

GENERAL INFORMATION:

APPLICANT: Velculescu, Victor E.

TITLE OF INVENTION: Human Transcriptomes

TITLE REFERENCE: 001107.00319

CURRENT APPLICATION NUMBER: US/10/330,627

CURRENT FILING DATE: 1999-11-24

NUMBER OF SEQ ID NOS: 1564

SEQ ID NO 384

LENGTH: 10

LENGTH: 10

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sequence 367, Application US/10330627 | Sequence 367, Application No. US20030175711A1 | | | | |
| GENERAL INFORMATION: | GENERAL INFORMATION: | APPLICANT: Velculescu, Victor E. | APPLICANT: Vogelstein, Bert | TITLE OF INVENTION: Human Transcriptomes | TILE REFERENCE: 001107.00319 |
| CURRENT APPLICATION NUMBER: US/10/330, 627 | CURRENT FILING DATE: 2002-12-30 |
| PRIOR APPLICATION NUMBER: US 09/448,480 |
| NUMBER OF SEQ ID NOS: 1564 |
| SOFTWARE: FREESEQ FOR WINDOWS VERSION 4.0
PRIOR APPLICATION NUMBER: 60/313,402
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 305
SEQ ID NO 201
LENGTH: 10
                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
CORGANISM: Homo sapiens
US-10-330-627-367
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CORGANISM: Homo sapiens
US-10-330-627-384
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LENGTH: 10
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## APPLICANT: Gene Networks, Inc.
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## APPLICANT: Goto, Takao
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## APPLICANT: Miyano, Satoru
## APPLICANT: Hoon, Michiel de
## APPLICANT: Hoon, Michiel de
## APPLICANT: Ruhara, Satoru
## APPLICANT: Savoie, Christopher J.
## APPLICANT: Savoie, Christopher J.
## APPLICANT: Savoie, Christopher J.
## APPLICANT: Ruhara, Satoru
## APPLICANT: Nuhara, Satoru
## APPLICANT: Nuhara, Satoru
## APPLICANT: Nuhara, Satoru
## APPLICANT: Michiel Dare: 1031-05-19
## PRIOR FILING DATE: 2001-05-26
## PRIOR FILING DATE: 2001-11-29
## PRIOR PPLICATION NUMBER: 60/334,372
## PRIOR PPLICATION NUMBER: 60/334,372
## PRIOR PPLICATION NUMBER: 60/334,372
## PRIOR PPLICATION NUMBER: 60/334,255
## PRIOR PPLICATION NUMBER: 60/334,255
## PRIOR PLING DATE: 2001-11-29
## PRIOR PLING DATE: 2001-11-
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43.8%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                    ) OTHER INFORMATION: AP-PCR Primer CGS
US-10-356-792-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 2, Application US/10259723
; Publication No. US20030219764A1
; GENERAL INFORMATION:
                                              NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn version 3.1
SEQ ID NO 21
LENGTH: 10
                                                                                                                                                                 TYPE: DNA ORGANISM: artificial sequence
                  PRIOR FILING DATE: 2002-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 7; Conservative
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US-10-353-334-4
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                                                                                                                                                                                                                        FEATURE:
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Publication No. US20030215842A1
GENERAL INRORMATION:
APPLICANT: Sledziewski, Andrzej
APPLICANT: Schweikhardt, Gary
TITLE OF INVENTION: METHOD FOR THE ANALYSIS OF CYTOSINE METHYLATION PATTERNS
FILE REPRENCE: 47675-33
CURRENT APPLICATION NUMBER: US/10/356,792
CURRENT FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: 60/352,944
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Pred. No. 1e+02;
0; Mismatches 0; Indels
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100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
                                                                                GENERAL INFORMATION:
APPLICANT: Velculescu, Victor E.
APPLICANT: Velculescu, Victor E.
APPLICANT: Vogelscein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFRENCE: 001107.00319
CURRENT APPLICATION NUMBER: US,09/448,480
PRIOR FILING DATE: 1999-11.24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: PSESERE FOR Windows Version 4.0
SEQ ID NO 938
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
43.8%; Score 7; DB 1
Best Local Similarity 100.0%; Pred. No. 1e-
Matches 7; Conservative 0; Mismatches
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APPLICANT: Velculescu, Victor E.
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 99/448,480
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FESTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1120, Application US/10330627
Publication No. US20030175771A1
GENERAL INFORMATION:
                                  Sequence 938, Application US/10330627
Publication No. US20030175771A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.0
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
CORGANISM: Homo sapiens
US-10-330-627-1120
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US-10-330-627-938/c
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LENGTH: 10
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US-10-356-792-21
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide
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; Sequence 20, Application US/10301875A
; Publication No. US20040091874A1
; GENERAL INFORMATION:
; APPLICANT: YAMAGARI, KAZUHIKO
; APPLICANT: HAO, DONGYUN
; TITLE OF INVENTION: SENDER CHIP FOR NUCLEIC ACID SELECTION
; FILE REFERENCE: 081356/0179
; CURRENT FILING DATE: 2003-06-12
; PRIOR PILING DATE: 2002-06-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application US/10301875A
| Publication Vo. US20040091874A1
| GENERAL INFORMATION:
| APPLICANT: YAMAGAKI, KAZUHIKO
| APPLICANT: HAO, DONGYUN
| TITLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
| FILE REFERENCE: 031356/0179
| CURRENT APPLICATION NUMBER: US/10/301,875A
| CURRENT FILING DATE: 2003-06-12
| PRIOR APPLICATION NUMBER: DP 2002/149330
| FILE REPERTION NUMBER: JP 2002/149330
| NUMBER OF SEQ ID NOS: 37
| SOFTWARE: PATENTION OF: 2.1
| SEQ ID NO 9
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Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0
                                                                                                                                                                                          43.8%; Score 7; DB 1; 100.0%; Pred. No. 1e+02
                                                                                                                                                                              Query Match
Best Local Similarity 100.0%; Pred. No. --
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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       NUMBER OF SEQ ID NOS: 455
SOFTWARE: Patentin Ver. 2.1
                                                                                               TYPE: DNA
CORGANISM: Homo sapiens
US-10-293-222-190
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                                                    SEQ ID NO 190
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                                                                                                                                                             COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MIDDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/353,334
FILING DATE: 29-Jan-2003
PRIOR APPLICATION DATA:
TITLE OF INVENTION: INTESTINAL TREFOIL PROTEINS NUMBER OF SEQUENCES: 20 CORRESPONDENCE ADDRESS:
ADDRESSES: ADDRESS:
STREET: 225 Franklin Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 00786/322001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/631,469B
FILING DATE: 12-Apr-1996
APPLICATION NUMBER: 08/61,469
FILING DATE: 12-APR-1996
APPLICATION NUMBER: 08/191,352
FILING DATE: 02-FEB-1994
APPLICATION NUMBER: 08/037,741
FILING DATE: 25-MAR-1993
APPLICATION NUMBER: 07/837,192
FILING DATE: 13-FEB-1992
APPLICATION NUMBER: 07/655,965
FILING DATE: 14-FEB-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Vereteeg, Rogier
APPLICANT: Vereteeg, Rogier
APPLICANT: Caron, Hubertus N.
TITLE OF INVENTION: MYC targets
FILE REPERBNCE: 2183-5580US
CURRENT APPLICATION NUMBER: US/10/293,222
CURRENT FILING DATE: 2002-11-12
PRIOR APPLICATION NUMBER: PCT/NLO1/00361
PRIOR PLILNG DATE: 2001-05-11
PRIOR PLILNG DATE: 2000-05-11
PRIOR PLILNG DATE: 2000-06-11
PRIOR FILING DATE: 2000-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 190, Application US/10293222
Publication No. US20040033932A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 617-542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
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Best Local Similarity 100.1
Matches 7; Conservative
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US-10-293-222-190/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR
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Sequence 360, Application US/10602494

Publication No. US20040265833A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Andrew Sledziewski
APPLICANT: Andrew Sledziewski
APPLICANT: Ocf Tonnes-Priddy
APPLICANT: Lori Tonnes-Priddy
APPLICANT: Karen Cardon
TITLE OF INVENTION: Methods and nucleic acids for the analysis of colorectal cell
TITLE OF INVENTION: Methods and sorders
FILE REPERENCE: 47675-45

CURRENT APPLICATION NUMBER: US/10/602,494

CURRENT FILING DATE: 2003-06-23

NUMBER OF SEQ ID NOS: 385
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                                                    Length 10;
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                                                 Score 7; DB 1; I
Pred. No. 1e+02;
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                                43.8%; Scc...
100.0%; Pred. No. ...
'... 0; Mismatches
                                                                                                                                                                                                                                                                                    US-10-794-929-33/C

1 Sequence 33, Application US/10794929

2 Publication No. US20040166526A1

3 GENERAL INFORMATION:

APPLICANT: Chaparian, Michael

APPLICANT: Chaparian, Michael

APPLICANT: Chang, Shu-Xian

TITLE OF INVENTION: GENB CLONING

FILE REFERENCE: 1002.00011

CURRENT APPLICATION UNMBER: 10/049,994

PRIOR FILING DATE: 2002-02-18

PRIOR FILING DATE: 2002-02-18

PRIOR FILING DATE: 2000-08-18

PRIOR FILING DATE: 1999-08-19

SEQ ID NOS: 141

SOFTWARE: PARCHING DATE: 1999-08-19

NUMBER OF SEQ ID NOS: 141

SEQ ID NOS: 141
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CTHER INFORMATION: decamer OS-DEC-005
US-10-794-929-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: artificial sequence
                                                 Query Match 43.8
Best Local Similarity 100.
Matches 7; Conservative
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Matches 7; Conservative
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ORGANISM: Homo Sapiens
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US-10-794-929-32
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                                                                         ;
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0
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: YAWASAKI, KAZUHIKO
APPLICANT: TAWASAKI, KAZUHIKO
APPLICANT: HAO, DONGYUN
TILLE OF INVENTION: SENSOR CHIP FOR NUCLEIC ACID SELECTION
FILE REPERENCE: 031356/0179
CURRENT PILICATION NUMBER: US/10/301,875A
CURRENT PILICATION NUMBER: US/10/301,875A
CURRENT FILING DATE: 2003-06-12
PRIOR APPLICATION NUMBER: JP 2002/149330
PRIOR FILING DATE: 2002-05-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PACENTIN Ver. 2.1
SEQ ID NO 33
LENGTH: 10
          Query Match 43.8%; Score 7; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; tive 0; Mismatches 0; Indels
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SQUENCE 32, Application US/10794929

Publication No. US20040166526A1

GENERAL INFORMATION:
APPLICANT: CHAPATION:
APPLICANT: CHAPATION:
TITLE OF INVENTION: GENE CLONING
TITLE REFERENCE: 1002.00011
CURRENT FILING DATE: 2004-03-05
FRIOR APPLICATION NUMBER: US/10/49,994
FRIOR APPLICATION NUMBER: ECT/US00/22743
FRIOR PILING DATE: 2000-08-19
FRIOR PILING DATE: 2000-08-19
FRIOR PILING DATE: 1999-08-19
FRIOR FILING DATE: 1999-08-19
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LOCATION: (1). (10)
OTHER INFORMATION: decamer OS-DEC-004
                                                                                                                                                                                                                                                                         US-10-301-875A-33/c

: Sequence 33, Application US/10301875A

: Publication No. US20040091874A1

: GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0
Matches 7; Conservative
                                                                                                                     5 GGCCGC 11
                                                                                                                                                                       10 GGGCGGC 4
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US-10-794-929-32/c
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LENGTH: 10
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US-10-758-451-864

| Sequence 864, Application US/10758451
| Sequence 864, Application US/10758451
| Sequence 864, Application US/10758451
| Publication No. US20050014711A1
| GENERAL INFORMATION:
| APPLICANT: East Carolina University TITLE OF INVENTION: COMPOSITION, PORMULATION & METHOD FOR PREVENTION OF INTITLE OF INVENTION: INFLAMMATION APPLICATION WITH BRONCHOCONSTRICTION, ALLERGY (IES) TITLE OF INVENTION: INFLAMMATION INFLAMMATION; TITLE OF INVENTION: UNMBER: US/10/758,451
| CURRENT APPLICATION NUMBER: US/10/758,451
| PRIOR APPLICATION NUMBER: 09/093,972
| PRIOR APPLICATION NUMBER: 09/093,972
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 813, Application US/10758451

Publication No. US20050014711A1

GENERAL INFORMATION:

TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF )

TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES)

TITLE OF INVENTION: INFLAMMATION

TITLE OF INVENTION: UNDER: US/10/758,451

CURRENT APPLICATION NUMBER: US/10/758,451

CURRENT FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: 09/093,972

PRIOR FILING DATE: 1998-06-09

NUMBER OF SEQ ID NOS: 996

SOFTWARE: PATENTIN VERSION 3.1

SEQ ID NO 873
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100.0%; Pred. No. 1e+
tive 0; Mismatches
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Publication No. US20050124598A1
GENERAL INFORMATION:
APPLICANT: Invenux, Inc.
APPLICANT: Dewey, Torin
APPLICANT: Baton, Bruce
APPLICANT: Nieuwlandt, Dan
TITLE OF INVENTION: Antibiotic Compounds
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 996
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100."
Matches 7; Conservative
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Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
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US-10-758-451-873
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US-10-497-764-27
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LENGTH: 10
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Sequence 864, Application US/10758451
Fublication No. US20050014711A1
GENERAL INFORMATION:
TEMBER INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D
TITLE OF INVENTION: AND CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY (IES)
TITLE OF INVENTION: INFLAMMATION
TITLE OF INVENTION: INFLAMMATION
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 2004-01-14
PRIOR FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 996
SOFTWARE: Patentin version 3.1
SEQ ID NO 854
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Publication No. US20050014711A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITION, FORMULATION & METHOD FOR PREVENTION & TREATMENT OF D.
TITLE OF INVENTION: INFLAMMATION:
TITLE OF INVENTION: INFLAMMATION:
FILE REFERENCE: 30775-706.301
CURRENT APPLICATION NUMBER: US/10/758,451
CURRENT FILING DATE: 1999-06-09
PRIOR FILING DATE: 1999-06-09
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                                            43.8%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 1e+02; ive 0; Mismatches 0; Indels
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Matches 7; Conservative 0; Mismatches
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SOFTWARE: Patentin version 3.1
SEQ ID NO 043
LENGTH: 10
                                          Query Match
Best Local Similarity 100.
Matches 7; Conservative
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CORGANISM: Homo sapiens
US-10-758-451-843
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US-10-602-494-360
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FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(1)

COTHEN INFORMATION: 5' nucleotide is conjugated to diene reactant 13 or 14 via 2000MM

OTHER INFORMATION: PEG linker

US-10-497-764-27
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Publication No. US2005023538241
GENERAL INFORMATION:
APPLICATION MONBARTION:
TITLE OF INVENTION: PLANT REGULATORY SEQUENCES FOR SELECTIVE CONTROL
FILE REPERENCE: Docket number 38-21 (52710)C
CURRENT APPLICATION NUMBER: US/10/827,659
CURRENT FILING DATE: 2004-044-19
NUMBER OF SEQ ID NOS: 231
SOFTWARE: Patentin version 3.2
LENGTH: 10
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FILE REFERENCE: INX 2636-119PCT
CURRENT APPLICATION NUMBER: US/10/497,764
CURRENT FILING DATE: 2004-06-04
FRIOR APPLICATION NUMBER: 60/340,255
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.1
SEQ ID NO 27
LENGTH: 10
                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
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Job time : 1 secs
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US-10-827-659-225/c
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Sequence 9, Application US/10766560

Fublication No. US20050281837A1

GENERAL INFORMATION:

APPLICANT: Pizza, Mariagrazia

APPLICANT: Barcoloni, Antonella

TITLE OF INVENTION: INMUNOCSICALLY ACTIVE POLYPEPTIDES WITH ALTERED TOXICITY USEFUL

FILE REFERENCE: 020441.00076

CURRENT APPLICATION NUMBER: US /10/766,560

FRIOR PILING DATE: 1994-06-17

PRIOR PILING DATE: 1994-06-17

PRIOR PILING DATE: 1998-11-01

PRIOR PILING DATE: 1998-11-01

PRIOR PILING DATE: 1998-11-01

PRIOR PILING DATE: 1998-11-02

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Version 3.1
                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
                                                                                                                                                                                                                                                                                                                              1; Length 11;
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APPLICANT: Ose, Asuka
TITLE OF INVENTION: NOVEL FETAL GENES
FILE REFERENCE: 14875-089001 (previously 06501-089001)
CURRENT APPLICATION NUMBER: US/11/182,592
CURRENT FILING DATE: 2005-07-14
PRIOR APPLICATION NUMBER: US/09/974,143
                                                                                                                                                                                                                                                                                                                              52.5%; Score 8.4; DB 90.0%; Pred. No. 3.9;
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PILE REFERENCE: 382.1046
CURRENT PAPLICATION NUMBER: US/10/512,214
CURRENT FILING DATE: 2004-10-22
PRIOR PLILING DATE: 2002-02-124743
PRIOR PLILING DATE: 2002-04-25
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PATCHTIN VET. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Bordetella pertussis
US-10-766-560-9
                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 90.0
Matches 9; Conservative
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Matches 9; Conserv
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US-11-182-592-10/c
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                                                                                                                                                     SEQ ID NO 4
LENGTH: 11
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Sequence 10, Appl
Sequence 101, Appl
Sequence 1277, Ap
Sequence 1688, Ap
Sequence 1689, Ap
Sequence 101, App
Sequence 1689, Ap
Sequence 1688, Ap
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Sequence 1201, Ap
Sequence 1284, Ap
Sequence 1284, Ap
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Sequence 1641, Ap
Sequence 1640, Ap
Sequence 1641, Ap
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Sequence 9, Appli
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                                                                                                                                            May 9, 2006, 16:49:14; Search time 0.001 Seconds (without alignments) 6.912 Million cell updates/sec
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                 GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-10-512-214-4/c
Sequence 4, Application US/10512214
Publication No. US20050255103A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Therapeutic Reagent for Lung Carcinoma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-110-766-560-9

US-11-182-592-10

US-11-225-686-101

US-11-225-686-1277

US-11-225-686-1689

US-11-202-009-101

US-11-202-009-101

US-11-202-009-1689

US-11-202-009-1689

US-11-202-009-1689

US-11-202-009-1689

US-11-202-009-1689

US-11-202-009-104

US-11-202-009-1291

US-11-255-686-1284
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US-11-225-686-1640
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Gapop 10.0 , Gapext 0.5
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16
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Maximum DB seq length: 200000000
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Match Length
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Database :

Result

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Sequence:

Run on:

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TYPE: DNA ORGANISM: Artificial Sequence
                         TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity
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US-11-225-686-1688
    LENGTH: 10
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Publication No. US2006019349A1

GENERAL INFORMATION:

APPLICANT: LIU, Giang

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

CURRENT APPLICATION UNDERS: US/11/225,686

CURRENT FILING DATE: 2005-09-12

PRIOR APPLICATION NUMBER: US/09/989,994

PRIOR FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SEQ ID NOS: 4085

SEQ ID NO 101

LENGTH: 10
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Publication No. US20060019349A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: LIU, Qiang

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

CURRENT APPLICATION NUMBER: US/11/225,686

CURRENT FILING DATE: 2005-09-12

PRIOR FILING DATE: 2005-09-12

PRIOR FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SOFTWARE: PATCHILIN Ver. 2.0
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PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: PCT/JP00/02281
PRIOR FILING DATE: 2000-04-07
PRIOR PRILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 11
                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 90.0
Matches 9; Conservative
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Publication No. US20060019349A1

GENERAL INFORMATION:

APPLICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

FILE REFERENCE: 8225-0011.20 / $11-US2

CURRENT APPLICATION NUMBER: US/11/225,686

CURRENT PILING DATE: 2005-09-12

FRIOR FILING DATE: 2005-09-12

FRIOR FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1688
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-11-225-686-1277
                                                                                                                                                                                      Gaps
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Sequence 1689, Application US/11225686
Publication No. US20060019349A1
GENERAL INPORMATION:
APPLICAMT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8325-0011.20 / $11-US2
CURRENT APPLICATION NUMBER: US/11/225,686
CURRENT FILING DATE: 2005-09-12
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100.0%; Pred. No. 5.5
vative 0; Mismatches
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PRIOR FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1689
LENGTH: 10
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US-11-202-009-1688
; Sequence 1688, Application US/11202009
; Publication No. US2060024726A1
; Publication No. US2060024726A1
; Publication No. US2060024726A1
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSTTION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: POSTTION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8328-0011.20 / $11-US2
; CURRENT APPLICATION NUMBER: US/11/202,009
; CURRENT APPLICATION NUMBER: US/09/989,994
; PRIOR FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PATENTIN Ver. 2.0
; SEQ ID NO 1688
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Publication No. US20060024726A1

GENERAL INFORMATION:

APPLICANT: LIU, Qiang

TITLE OF INVENTION: TARPLETS BY ZINC FINGERS

FILE REPERENCE: 8325-0011.20 / S11-US2

CURRENT APPLICATION NUMBER: US/11/202,009

PRIOR APPLICATION NUMBER: US/09/989,994

PRIOR FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SEQ ID NO 1689

LENGTH: 10
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OTHER INFORMATION: Description of Artificial Sequence: example target
OTHER INFORMATION: DNA
US-11-202-009-1689
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100.0%; Pred. No. 5.5;
tive 0; Mismatches
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US-10-523-055-8/c
; Sequence 8, Application US/10523055
; Publication No. US20060057160A1
                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 8; Conservative
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1 GCGGCCGG
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Publication No. US20060024726A1
GENERAL INFORMATION:
APPLICANT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
ITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/11/202,009
CURRENT FILING DATE: 2005-08-11
PRIOR PILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE PARENTIN Ver. 2.0
SEQ ID NO 1277
LENGTH: 10
                                                          Gaps
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Publication No. US20060024726A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/11/202,009
CURRENT FILING DATE: 2005-08-11
PRIOR PILING DATE: 2005-08-11
PRIOR FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4008:
SOFTWARE: Patentin Ver. 2.0
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             Length 10;
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      50.0%; Score 8; DB 1;
100.0%; Pred. No. 5.5;
tive 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 5.5;
Matches 8; Conservative 0; Mismatches
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100.0%; Pred. No. 5.5
trive 0; Mismatches
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  Query Match 50.0
Best Local Similarity 100.
Matches 8; Conservative
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Best Local Similarity 100.
Matches 8; Conservative
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Sequence 1284, Application US/11225686

| Publication No. US20060019349A1 |
| GENTEAL OFFORMATION: |
| GENTEAL INFORMATION: |
| TITLE OF INVENTION: |
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS |
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS |
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS |
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS |
| TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS |
| FILE REFERENCE: 8325-0011.20 / $11-US2 |
| CURRENT APPLICATION NUMBER: US/11/225,686 |
| PRIOR FILING DATE: 2005-09-12 |
| PRIOR FILING DATE: 2001-11-20 |
| NUMBER OF SEQ ID NOS: 4085 |
| SEQ ID NO 1284 |
| INDICATION OF TRIPLETS BY 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Thomas Gasenmeter
APPLICANT: Thomas Gasenmeter
APPLICANT: Olaf Holkotter
APPLICANT: Olaf Holkotter
APPLICANT: Marcus Conradt
APPLICANT: Ray Hofman
TITLE OF INVENTION: Method for Determining the Homeostasis of Hairy Skin
TITLE OF INVENTION: Method for Determining the Homeostasis of Hairy Skin
FILE REFERENCE: H 05667 PCT US/11/158,209
CURRENT APPLICATION NUMBER: US/11/158,209
PRIOR APPLICATION NUMBER: PCT/EP2003/014070
PRIOR FILING DATE: 2003-12-11
PRIOR FILING DATE: 2003-12-12
NUMBER OF SEQ ID NOS: 1335
SOFTWARE: SeqWin99, version 1.02
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OTHER INFORMATION: Description of Artificial Sequence: example target
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Pred. No. 5.6;
0; Mismatches 2; Indels
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0; Mismatches
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; Publication No. US20060088852A1
; GENERAL INFORMATION:
APPLICANT: Dirk Petersohn
SOFTWARE: SegWin99, version 1.02
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ORGANISM: Artificial Sequence
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Best Local Similarity 81.0
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Best Local Similarity 81.8
...hea 9; Conservative
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                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-158-209-104
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US-11-158-209-1201
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US-11-158-209-1201/c
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                                        SEQ ID NO 104
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Publication No. US20060088852A1

GENERAL INPORMATION:

APPLICANT: Dirk Petersohn

APPLICANT: Marcus Gassenmeier

APPLICANT: Marcus Conradt

APPLICANT: MARCUS CONRAGE

APPLICANT: MARCUS CONRAGE

CURRENT APPLICATION NUMBER: PCT/EP2003/014070

PRIOR APPLICATION NUMBER: 102 60 931.4-41

PRIOR APPLICATION NUMBER: 102 60 931.4-41

PRIOR FILING DATE: 2002-12-20

NUMBER OF SEQ ID NOS: 1335
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                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: B45309
CURRENT APPLICATION: LIPOOLIGOSACCHARIDE WITH REDUCED PHASE VARIABILITY
FILE REFERENCE: B45309
CURRENT APPLICATION NUMBER: US/10/523,055
CURRENT FILING DATE: 2005-02-02
PRIOR APPLICATION NUMBER: PCI/EP03/008569
PRIOR FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: GB 0218036.2
PRIOR APPLICATION NUMBER: GB 0218036.2
PRIOR FILING DATE: 2002-08-02
PRIOR PILING DATE: 2002-08-02
PRIOR PLING DATE: 2002-08-03
PRIOR PLING DATE: 2002-08-30
PRIOR PLING DATE: 2002-11-01
                                                                                             APPLICANT: FERON, Christiane
APPLICANT: GORAJ, Carine
APPLICANT: GOLAM, Michael Paul
APPLICANT: DOCUMAN, Jan
APPLICANT: WEVNANTS, Vincent
APPLICANT: WEVNANTS, Vincent
TITLE OF INVENTION: LIPOOLIGOSACCHARIDE WITH REDUCED PHASE VARIABILITY
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ORGANISM: Artificial Sequence
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Best Local Similarity 81.8
Matches 9; Conservative
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US-11-158-209-104/c
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; OTHER INFORMATION: t PSs in Haplotypes Comprising Preferred Embodiments of Age of C; OTHER INFORMATION: set Markers I and I
US-10-962-756A-46
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                                                                                                                                                                                                                                                                                                                                                Sequence 1640, Application US/11225686
| Publication No. US20060019349A1
| GENERAL INFORMATION OF US20060019349A1
| GENERAL INFORMATION OF GAING
| TITLE OF INVENTION POSITION DEPENDENT RECOGNITION OF GAIN NUCLEOTIDE
| TITLE OF INVENTION: TRILETS BY ZINC FINGERS
| TITLE OF INVENTION: TRILETS BY ZINC FINGERS
| FILE REPERENCE: 8325-0011.20 / S11-US2
| CURRENT APPLICATION NUMBER: US/11/225,686
| CURRENT FILING DATE: 2005-09-12
| PRIOR PILING DATE: 2001-11-20
| NUMBER OF SEQ ID NOS: 4085
| SOFTWARE: Parent In Ver. 2.0
| SEQ ID NO 1640
| LENGTH: 10
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DNA
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Sequence 1641, Application US/11225686

Publication No. US20060019349A1

GREENLINGMATION:
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

FILE REPERENCE: 8325-0011.0/ $31-402

CURRENT APPLICATION NUMBER: US/11/225,686

CURRENT FILING DATE: 2005-09-12
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                                                                                                     Length 10;
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                                                                                                     DB 1;
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43.8%; Score 7; DB 1;
Best Local Similarity 100.0%; Pred. No. 9.6;
Matches 7; Conservative 0; Mismatches
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100.0%; Pred. No. 9.6;
iive 0; Mismatches
                                                                                                   43.8%; Score 7; DB 1
100.0%; Pred. No. 9.6
tive 0; Mismatches
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PRIOR FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SEG ID NO 1641
LENGTH: 10
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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APPLICANT: Athanasiou, Maria
APPLICANT: Brain, Carlos
APPLICANT: Brain, Carlos
APPLICANT: Brain, Carlos
APPLICANT: Cohen, Nadine
APPLICANT: Dencon, R. Rex
APPLICANT: Dencon, R. Rex
APPLICANT: Dencon, R. Rex
APPLICANT: Octomir, Vural
APPLICANT: Octomir, Vural
TILE OF INVENTION: WIRTH Genetic Markers Associated with Age of Onset of Alzheimer's
TILE OF INVENTION: WIRTH Genetic Markers Associated with Age of Conset of Alzheimer's
TILE OF INVENTION: WIRTH CONTINUER: US/10/962,756A
CURRENT FILING DATE: 2004-10-13
PRIOR PILING DATE: 2003-10-15
PRIOR FILING DATE: 2003-10-15
SOUTHARE: Patentin version 3.0
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OTHER INFORMATION: Reverse Primer Extension Oligonucleotides for Detecting Alleles
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                                                                                                                                                                                                                                                                                                                 Sequence 1284, Application US/11202009
Publication No. US20060024726A1
GENERAL INFORMATION:
APPLICANT: LIU, QIANG
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE REPERENCE: 8125-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/11/202,009
CURRENT FILING DATE: 2005-08-11
PRIOR PILING DATE: 2005-08-11
PRIOR PLING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085.
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                                                                    Score 7.4; DB 1; Length 10;
Pred. No. 7.7;
0; Mismatches 1; Indels
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Publication No. US2005025548BA1
                                                                    46.3%;
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Best Local Similarity 88.9%;
Matches 8; Conservative (
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ORGANISM: Artificial Sequence
                                          Query Match
Best Local Similarity 88.>
Best Local 8; Conservative
                                                                                                                                                            7 GCGGCATCG 15
; OTHER INFORMATION: DNA
US-11-225-686-1284
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US-11-202-009-1641
US-11-202-009-1641
US-11-202-009-1641

Sequence 1641, Application US/11202009

Publication No. US20060024726A1

GENERAL INFORMATION:
APPLICANT: LIU, Qiang
TITLE OF INVENTION: PRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8125-0011.20 / 811-US2

CURRENT APPLICATION NUMBER: US/11/202,009

PRIOR FILING DATE: 2005-08-11

PRIOR FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SEQ ID NO 1641

LENGTH: 10
                                                                                                                                                                                                             US-11-202-009-1640

US-11-202-009-1640

Sequence 1640, Application US/11202009

Publication No. US2066024726A1

GENERAL INFORMATION:

APPLICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

FILE REFERENCE: 8325-0011.20 / S11-US2

CURRENT PELLING DATE: 2001.120 / S11/202,009

PRIOR APPLICATION NUMBER: US/09/989,994

PRIOR FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SEQ ID NO 1640

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Best Local Similarity 100.0%; Pred. No. 9.6;
Matches 7; Conservative 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 9.6;
Matches 7; Conservative 0; Mismatches
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GGCGCCA 12
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Search completed: May 9, 2006, 16:49:14

## November 2005

Published\_Applications Nucleic Acid and Published\_Applications Amino Acid database searches now generate two sets of results each. The Published\_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published\_Applications\_New databases: older published applications make up the Published\_Applications\_Main databases.

Searches run against Nucleic Acid Published\_Applications produce two sets of results, with the extensions .rnpbm (Published\_Applications\_NA\_New).

Searches run against Amino Acid Published\_Applications produce two sets of results, with the extensions .rapbm (Published\_Applications\_AA\_New).

.rapbm (Published\_Applications\_AA\_New).

(0108N) \*110/8 8604 SILL

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May 9, 2006, 05:26:49 ; Search time 702.122 Seconds (without alignments) 341.553 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
3: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
4: /cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
5: /cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
6: /cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
7: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*
8: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*
GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                               1 ccatccacctgctgtgtgacctggtaaat 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                      OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Description	Sequence 3, Appli		Sequence	.57 Sequence	l Seguence 25501, A			Sequence	Sequence			Sequence			ď	Sequence 11, Appl	2					
SUMMARIES	US-09-904-968A-3 US-09-904-968A-1	US-10-322-281-697	US-09-925-065A-336757	US-09-925-065A-612157	US-10-027-632-25501	US-10-027-632-25501	US-09-925-065A-589532	US-09-925-065A-589533	US-09-925-065A-256045	US-09-925-065A-256046	US-09-925-065A-935980	US-09-925-065A-935981	US-09-925-065A-541706	US-09-925-065A-541707	US-10-156-995-2	US-10-210-589-11	US-10-741-601-21541	US-10-741-600-60812	US-09-925-065A-295310	US-09-925-065A-295309	US-09-925-065A-884195	US-09-925-065A-910370
* Query Match Length DB	29 3	34261 7	336 4	339 4	728 5	728 6	551 4	551 4	598 4	598 4	610 4	610 4	639 4	639 4	1001 6	39178 7	201 7	201 8	530 4	557 4	601 4	601 4
* Query Match	100.0	74.5	72.4	72.4	71.7	71.7	71.0	71.0	70.3	70.3	69.7	69.7	69.7	69.7	69.7	69.7	0.69	0.69	0.69	69.0	69.0	69.0
Score	29	21.6	21	21	20.8	20.8	20.6	20.6	20.4	20.4	20.2	20.5	20.5	20.2	20.2	20.2	20	20	20	20	20	20
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Seguence 910371.	Sequence 327159,	Sequence 785405,	Sequence 785406,	Sequence 23, Appl	Sequence 33111, A	Sequence 33111, A	Ų١	Sequence 2051, Ap	Sequence 1697, Ap	Sequence 5708, Ap	Sequence 17810, A	Seguence 1068, Ap	Sequence 86946, A	Sequence 12, Appl	Sequence 463434,	Sequence 17, Appl	Sequence 223323,				
US-09-925-065A-910371	US-09-925-065A-327159	US-09-925-065A-785405	US-09-925-065A-785406	US-09-966-546-23	US-09-966-545-23	US-09-965-212-23	US-10-189-940-23	US-10-971-479-23	US-10-027-632-33111	US-10-027-632-33111	US-10-915-740A-9	US-10-017-161-2051	US-10-292-798-1697	US-10-741-601-5708	US-10-741-600-17810	US-10-915-740A-1068	US-10-425-115-86946	US-10-461-862-12	US-09-925-065A-463434	US-10-231-417-17	US-09-925-065A-223323
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24	25	56	27	28	53	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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## ALIGNMENTS

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Sequence 3, Application US/09904968A

Publication No US2003000828BA1

GENERAL INFORMATION:

APPLICANT: THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE

APPLICANT: WATNICK, Terry

APPLICANT: PHAKDEKITCHARORN, Bunyong

TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE

FILE REFERENCE: JHU1680-2

CURRENT APPLICATION NUMBER: US/09/904,968A

CURRENT FILING DATE: 2001-07-13

PRIOR FILING DATE: 2001-07-13

PRIOR FILING DATE: 2001-07-13

PRIOR FILING DATE: 2000-07-13

NUMBER OF SEQ ID NOS: 113

SOSTWARE: PATENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09904968A
Publication No. US20030008288A1
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: WATNICK, Terry
APPLICANT: WATNICK, Terry
APPLICANT: PHAKOBEKITCHAROEN, Bunyong
TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 29; DB 3; Length 29; 100.0%; Pred. No. 0.0051; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CCATCCACCTGCTGTGACCTGGTAAAT 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        THER INFORMATION: PCR primer BPF14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
US-09-904-968A-3
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LENGTH: 29
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TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR PILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR PLING DATE: 2000-11-120
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR FILING DATE: 2000-11-30
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Publication No. US20040126762A1

GENERAL INFORMATION:

APPLICANT: David W. Morris

APPLICANT: David W. Morris

TITLE OF INVENTION: Novel Compositions and Methods in Cancer

TITLE OF INVENTION: Novel Compositions and Methods in Cancer

TITLE OF INVENTION: Novel Compositions and Methods in Cancer

CURRENT APPLICATION NUMBER: US/10/322,281

CURRENT FILING DATE: 2002-12-17

NUMBER OF SEQ ID NOS: 866

SEQ ID NO 697

LENGTH: 34261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 21.6; DB 7; Length 34261; Pred. No. 21;
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FILE REFERENCE: JHU1680-2

CURRENT APPLICATION NUMBER: US/09/904,968A

CURRENT FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/283,691

PRIOR FILING DATE: 2001-07-13

PRIOR FILING DATE: 2000-07-13

NUMBER OF SEQ ID NOS: 113

SEQ ID NO 1

LENGTH: 53522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2043 CCATCCACCTGTGTGTGACCTGGTAAAT 2071
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100.0%; Score 29; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 29; Conservative 0; Mismatches
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; LCCATION: (1)...(34261)
; OTHER INFORMATION: n = A,T,C or G
US-10-322-281-697
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Best Local Similarity 85.7%;
Matches 24; Conservative
                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
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TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2000-0-4
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
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                                                                                                                                                                                                                                                                                                                    DB 4;
25;
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                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            263 CCACCCACTAGTTGTGTGACCTGGGAAAT 291
                                                                                                                                                                                                                                                                                                                                                                                                                         59
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PRIOR APPLICATION NUMBER: US 60/261,766
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 336757
LENGTH: 336
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                       Score 21;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                         1 CCATCCACCTGCTGTGACCTGGTAAAT
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; Sequence 612157, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                    72.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 72.4
Best Local Similarity 82.8
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                       24; Conservative
                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-336757
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US-09-925-065A-612157
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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FULLICATION NO. US20050228172A9

FULLICATION NO. US20050228172A9

GENERAL INFORMATION:

ITILE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

FILE REFERENCE: 108827.135

CURRENT APPLICATION NUMBER: US/09/925,065A

CURRENT FILING DATE: 2001-024

PRIOR FILING DATE: 2000-10-24

PRIOR FILING DATE: 2000-11-20

PRIOR PRIOR APPLICATION NUMBER: US 60/25,147

PRIOR FILING DATE: 2000-11-30

PRIOR PILING DATE: 2000-11-30

PRIOR PILING DATE: 2000-11-6

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR PILING DATE: 2001-01-16

PRIOR SEQ ID NOS: 957086

SOFTWARE: FRACES FOR WINDOWS VERSION 4.0
                                                     APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REPERENCE: 108877.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-66
PRIOR PILING DATE: 2001-05-09
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Pred. No. 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 599532
LENGTH: 551
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85.2%;
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85.2%;
        Publication No. US20050228172A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 85.4.
Local 23; Conservative
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Best Local Similarity 85.23
Matches 23; Conservative
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US-09-925-065A-589532
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US-09-925-065A-589533
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Delymorphisms in the Human Genome
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PELING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/195,218
PRIOR APPLICATION NUMBER: US 60/165,363
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 10999-10-23
PRIOR PILING DATE: 1999-10-23
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-09
PRIOR PILING DATE: 1999-08-09
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7
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Pred. No. 33;
0; Mismatches
                 PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-3
PRIOR PILING DATE: 1999-08-09
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO. 25501
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Pred. No. 33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 25501, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
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91.78;
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Best Local Similarity 91.7%;
Matches 22; Conservative
FILING DATE: 2000-04-20
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Matches 22; Conservative
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US-09-925-065A-589532/c
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US-10-027-632-25501
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Sequence 589532, Application US/09925065A

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Sequence 935980, Application US/09925065A, Publication No. US20050228172A9, GENERAL INFORMATION:
      561 CCTCCTGCTGTGTGACCTGGTA 540
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US-09-925-065A-935980
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US-09-925-065A-935981
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Best Local Similarity
Matches 22; Conserv
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                                   USERIAL OF INVENTION:

PRIOR PELICATION NUMBER: US 60/250,05A

PUBLICATION:

APPLICANT: WANG, US20050228172A9

GENERAL INFORMATION:

APPLICANT: WANG, DAVIG G.

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

FILE REPERENCE: 108627.135

CURRENT APPLICATION NUMBER: US 60/243,096

PRIOR PELING DATE: 2000-10-24

PRIOR FILING DATE: 2000-11-20

PRIOR APPLICATION NUMBER: US 60/250,147

PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR FILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-05-09

NUMBER: PSEC ID NOS: 957086

SEQ ID NO 256045

LENGTH: 598
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Publication No. US20050228172A9

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION:

FILE REPERENCE: 108627.135

CURRENT APPLICATION NUMBER: US/09/925,065A

CURRENT FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: US 60/243,096

PRIOR PRILICATION NUMBER: US 60/252,147

PRIOR APPLICATION NUMBER: US 60/252,147

PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR APPLICATION NUMBER: US 60/260,766

PRIOR PILING DATE: 2001-01-06

PRIOR PILING DATE: 2001-01-06

PRIOR PILING DATE: 2001-01-06

PRIOR PILING DATE: 2001-01-06

PRIOR APPLICATION NUMBER: US 60/280,846

PRIOR PILING DATE: 2001-05-09

NUMBER OF SEQ ID NOS: 957086

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 256046

LENGTH: 598
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 20.4; DB 4; Length 598; Pred. No. 49;
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Best Local Similarity 95.5%;
Matches 21; Conservative
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ORGANISM: Homo sapiens
US-09-925-065A-256045
RESULT 10
US-09-925-065A-256045/c
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US-09-925-065A-256046/c
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JUBERANT INFORMATION:
JUBERANT:
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JUBERANTION: Identification and Mapping of Single
JUBERANTION: Nuclectide Polymorphisms in the Human Genome
JUBERANCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR PILING DATE: 2000-10-24
PRIOR PILING DATE: 2000-11-24
PRIOR APPLICATION NUMBER: US 60/250,147
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR PILING DATE: 2000-11-16
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-6
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FASTSEQ for Windows Version 4.0
LENGTH: 610
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TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Mucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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PRIOR PILING DATE: 2001-01-66
PRIOR PILING DATE: 2001-01-66
PRIOR PILING DATE: 2001-01-66
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Pred. No. 60;
0; Mismatches
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88.0%; Pred. No. 60;
iive 0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
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; Sequence 935981, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
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88.0%;
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Best Local Similarity 88.0
Matches 22; Conservative
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US-09-925-065A-541706

i Sequence 541706, Application US/09925065A

i Publication No. US20050228172A9

i GENERAL INFORMATION: US20050228172A9

i TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Mucleotide Polymorphisms in the Human Genome

FILE REFERENCE: 108827.135

i CURRENT APPLICATION NUMBER: US/09/925,065A

i PRIOR APPLICATION NUMBER: US 60/243,096

i PRIOR APPLICATION NUMBER: US 60/252,147

PRIOR PELING DATE: 2000-10-24

i PRIOR PELING DATE: 2000-11-20

i PRIOR PELING DATE: 2000-11-20

i PRIOR PILING DATE: 2000-11-30

i PRIOR PILING DATE: 2000-11-30

i PRIOR PILING DATE: 2001-130

i PRIOR PILING DATE: 2001-130

i PRIOR PILING DATE: 2001-130

i PRIOR APPLICATION NUMBER: US 60/280,846

i PRIOR PILING DATE: 2001-01-16

i PRIOR APPLICATION NUMBER: US 60/289,846

i PRIOR PILING DATE: 2001-01-16

i PRIOR APPLICATION NUMBER: US 60/289,846

i PRIOR PILING DATE: 2001-01-16

i PRIOR PILING DATE: 2001-01-16

i PRIOR APPLICATION NUMBER: US 60/289,846

i PRIOR PILING DATE: 2001-01-16

i PRIOR PILING DATE: 2001-01-16

i PRIOR APPLICATION NUMBER: US 60/289,846

i PRIOR PILING DATE: 2001-01-16

i PRIOR PILING
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Sequence 541707, Application US/09925065A

Publication No. US20050220172A9

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Udentification and Mapping of Single

TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

FILE REPERENCE: 108827.135

CURRENT APPLICATION NUMBER: US/09/925,065A

CURRENT FILING DATE: 2001-01-24

PRIOR FILING DATE: 2000-11-20

PRIOR FILING DATE: 2000-11-30

PRIOR FILING DATE: 2001-11-30

PRIOR FILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: US 60/250,766

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR FILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-16

SEQ ID NOS: 957086

SEQ ID NO 541707

LENGRIH: 639

***CHARCH STATES OF WINDOWS VERSION 4.0
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Best Local Similarity 88.03
Matches 22; Conservative
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CRGANISM: Homo sapiens
US-09-925-065A-541707
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US-09-925-065A-541706
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Query Match 69.7%; Score 20.2; DB 4; Length 639;
Best Local Similarity 88.0%; Pred. No. 60;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps
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Search completed: May 9, 2006, 06:18:44 Job time : 704.122 secs

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US-10-750-185-40770
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US-10-750-623-40770
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LENGTH: 1094
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Sequence 612157,
Sequence 610214,
Sequence 1023460,
Sequence 589532,
Sequence 289533,
Sequence 256045,
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Sequence 948207,
Sequence 948208,
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180.024 Million cell updates/sec
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                 GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd
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US-09-925-065A-336757

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US-09-925-065A-612157

US-09-925-065A-612157

US-10-301-480-100531

US-09-925-065A-589533

US-09-925-065A-289533

US-09-925-065A-26045

US-09-925-065A-26045

US-09-925-065A-26045

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Maximum Match 100%
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Sequence 295310,
Sequence 295309,
Sequence 372168,
Sequence 910370,
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Sequence 910371,
Sequence 910371,
Sequence 71036,
Sequence 785405,
Sequence 50274, A
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Sequence 1065, Ap
Sequence 65184, A
Sequence 372169,
Sequence 985578,
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Sequence 223323,
Sequence 308284,
Sequence 921693,
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Sequence 541706,
Sequence 541707,
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APPLICANT: KERK, Richard
APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REPERENCE: MAIL100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR PILING DATE: 2002-12-31
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US-09-925-065A-935980

US-09-925-065A-935981

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US-09-925-065A-541706

US-09-925-065A-541706

US-11-128-061-1065

US-10-995-561-6184

US-10-995-561-6184

US-10-911-65-7186

US-10-911-65-7186

US-09-925-065A-295309

US-09-925-065A-910370

US-09-925-065A-910371

US-09-95-61-13374

US-09-95-61-13374

US-09-95-61-13374

US-09-95-61-13374

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85.7%; Pred. No. 13;
:ive 0; Mismatches
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Publication No. US20050260603A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OKGANISM: Bovine 19866881093594
US-10-750-185-40770
                                                       77777
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SOFTWARE: PatentIN version 3.1
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Best Local Similarity المحادث المحادث عام 14; Conservative
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                                                                                                          GARLEAUT IN FORTATION:
APPLICANT: DANISE, Sue K.
APPLICANT: DANISE, Sue K.
APPLICANT: DANISE, Sue K.
APPLICANT: RERR. Richard
APPLICANT: RESENCED:
APPLICANT: HOLM, Tom
APPLICANT: HOLM, Tom
APPLICANT: PANTIN, Dennis
TILE REFERENCE: MAILOLO-
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
SOFTWARE: PALENTIN VERSION 3.1
SEQ ID NO 40770
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## APPLICANT: Wang, David G.

## TITLE OF INVENTION: Identification and Mapping of Single

## TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

## FILE REFERENCE: 108827.135

## CURRENT APPLICATION NUMBER: US/09/925,065A

## CURRENT APPLICATION NUMBER: US 60/243,096

## PRIOR PAPLICATION NUMBER: US 60/252,147

## PRIOR PILING DATE: 2000-10-24

## PRIOR APPLICATION NUMBER: US 60/250,092

## PRIOR APPLICATION NUMBER: US 60/250,092

## PRIOR PILING DATE: 2000-11-30

## PRIOR PILING DATE: 2001-11-16

## PRIOR PILING DATE: 2001-01-16

## PRIOR PILING DATE: 2001-01-16

## PRIOR PILING DATE: 2001-05-09

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72.4%; Score 21; DB
Best Local Similarity 82.8%; Pred. No. 20;
Matches 24; Conservative 0; Mismatches
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Publication No. US20040181048A1
GENERAL INFORMATION:
Sequence 40770, Application US/10750623
Publication No. US20050287531A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Bovine 19866881093594
US-10-750-623-40770
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US-09-925-065A-336757
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RESULT 4 US-09-925-065A-612157/c

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US-10-301-480-410051

Sequence 410051, Application US/10301480

Sequence 410051, Application NO. US20660057564A1

Sequence 410051, Application NO. US20660057564A1

SENERAL INFORMATION: Table 1 dentification and Mapping of Single Nucleotide Polymorphisms

TITLE OF INVENTION: In the Human Genome

FILE REFERENCE: 108827.137

CURRENT APPLICATION NUMBER: US/10/301,480

CURRENT FILING DATE: 2002-11-21

PRIOR APPLICATION NUMBER: US 60/311,695

PRIOR APPLICATION NUMBER: US 60/311,695

PRIOR FILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226618

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 345
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Sequence 612157, Application US/09925065A
Publication No. US20040181048A1
Publication No. US20040181048A1
Publication No. US20040181048A1
Publication No. US2004018104BA1
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Identification and Mapping of Single
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT APPLICATION NUMBER: US 60/223,096
PRIOR PILING DATE: 2000-10-24
PRIOR PILING DATE: 2000-11-20
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR APPLICATION NUMBER: US 60/261,766
PRIOR APPLICATION NUMBER: US 60/261,766
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR PELING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR PELING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         77 CCACCCACTAGTTGTGTGACCTGGGAAAT 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CCATCCACCTGCTGTGACCTGGTAAAT 29
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Best Local Similarity 82.8%;
Matches 24; Conservative C
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US-09-925-065A-612157
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US-10-301-480-410051
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Best Local Similarity
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US-10-301-480-1023460
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LENGTH: 339
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ORGANISM: Homo sapiens
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US-09-925-065A-256045
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                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 589533
LENGTH: 551
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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ORGANISM:
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identifiction and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: In the Human Genome
FILE REFERENCE: 108827.137
CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT APPLICATION NUMBER: US/10/301,480
PRIOR APPLICATION NUMBER: US 10/215,598
PRIOR FILING DATE: 2002-08-09
PRIOR FILING DATE: 2001-08-09
PRIOR FILING DATE: 2001-08-09
PRIOR FILING DATE: 2001-08-00
SEQ ID NOS: 1226818
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1023460
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TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Naclectide Polymorphisms in the Human Genome
FILE REPERBACE: 108827, 135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
PRIOR PILING DATE: 2001-024
PRIOR PILING DATE: 2000-11-20
PRIOR PILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-6
PRIOR FILING DATE: 2000-11-6
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-6
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
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Publication No. US20040181048A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 12; Length 345;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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Pred. No. 20;
0; Mismatches
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Best Local Similarity 82.8%;
Matches 24; Conservative
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Best Local Similarity 85.2
Matches 23; Conservative
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; ORGANISM: Homo sapien
US-10-301-480-1023460
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US-09-925-065A-589533/c
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LENGTH: 551
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Gaps
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US-09-925-065A-256045/c

i Sequence 256045, Application US/09925065A

i Publication No. US20040181048A1

i GENERAL INFORMATION:

i APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: NUCLEOCIDE POlymorphisms in the Human Genome

FILE REFERENCE: 108827.135

CURRENT APPLICATION NUMBER: US/09/925,065A

CURRENT FILING DATE: 2000-10-24

PRIOR PILING DATE: 2000-10-24

PRIOR PILING DATE: 2000-11-20

PRIOR PILING DATE: 2000-11-30

PRIOR PILING DATE: 2001-11-30

PRIOR PILING DATE: 2001-11-30

PRIOR PILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-16
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Pred. No. 40;
0; Mismatches
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: US 60/25,147
PRIOR FILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 957086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            71.0%; Score 20.6;
85.2%; Pred. No. 32;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 256045
LENGTH: 598
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US-09-925-065A-256046/c
Sequence 256046, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
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Best Local Similarity 95.5%;
Matches 21; Conservative
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Matches 23; Conservative
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Gaps

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Sequence 948207, Application US/10301480

Publication No. US2006605764A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identifiction and Mapping of Single Nucleotide Polymorphisms

TITLE OF INVENTION: in the Human Genome

TITLE OF INVENTION: in the Human Genome

TITLE OF INVENTION: in the Human Genome

CURRENT FILING DATE: 2002-11-21

PRIOR APPLICATION NUMBER: US 10/215,598

PRIOR APPLICATION NUMBER: US 60/311,695

PRIOR FILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226818

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 609
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US-10-301-480-948208/c
Sequence 948208, Application US/10301480
Sequence 948208, Application US/20060057564A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 609;
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                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 70.3%; Score 20.4; L
Best Local Similarity 95.5%; Pred. No. 40;
Matches 21; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                     CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 10/215,598
PRIOR PILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US 60/311,695
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: PSESEEG for Windows Version 4.0
SEQ ID NO 334799
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Pred. No. 40;
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CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 10/215,598
PRIOR PELING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US 60/311,695
PRIOR PILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 95.5%;
Matches 21; Conservative
                     FILE REFERENCE: 108827.137
                                                                                                                                                                                                                                                                                                                                   j ORGANISM: Homo sapien
US-10-301-480-334799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapien
US-10-301-480-948207
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                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Publication No. US2006005/564A1

GENERAL INFORMATION:
TITLE OF INVENTION: In the Human Genome
FILE OF INVENTION: In the Human Genome
FILE REFERENCE: 108827.137

CURRENT APPLICATION NUMBER: US/10/301,480

CURRENT APPLICATION NUMBER: US/215,598

PRIOR FILING DATE: 2002-08-09

PRIOR FILING DATE: 2002-08-09

PRIOR FILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226818

SEQ ID NOS: 1226818

LENGTH: 609
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
FRIOR APPLICATION NUMBER: US 60/243,096
FRIOR APPLICATION NUMBER: US 60/252,147
FRIOR APPLICATION NUMBER: US 60/250,092
FRIOR PILING DATE: 2000-11-20
FRIOR PILING DATE: 2000-11-30
FRIOR PELING DATE: 2000-11-30
FRIOR FILING DATE: 2001-11-6
FRIOR PELING DATE: 2001-01-6
FRIOR PELING DATE: 2001-01-6
FRIOR SPOILOWINGER: US 60/289,846
FRIOR SEQ ID NOS: 95708-01
NUMBER OF SEQ ID NOS: 95708-05
NUMBER OF SEQ ID NOS: 95708-05
SOFTWARE: FRASESQ for Windows Version 4.0
SEQ ID NO 256046
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Best Local Similarity 95.5%; Pred. No. 40;
Matches 21; Conservative 0; Mismatches און דייארי
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           561 cerecreererererera 540
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US-09-925-065A-256046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapien
US-10-301-480-334798
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US-10-301-480-334798/c
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US-10-301-480-334799/c
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US-09-925-065A-935980/C

is Sequence 935980 Application US/09925065A

is General INPORMATION:
I APPLICANT: Wang, David G.

i TITLE OF INVENTION: Identification and Mapping of Single
ITITLE OF INVENTION: Identification and Mapping of Single
ITITLE OF INVENTION: Identification and Mapping of Single
ITITLE OF INVENTION: UBCHOCKIDE POLYMOTPhisms in the Human Genome
FILE REFRENCE: 108827.135

CURRENT FAPLICATION NUMBER: US/09/925,065A

CURRENT FILING DATE: 2000-10-24

PRIOR APPLICATION NUMBER: US 60/243,096

PRIOR PILING DATE: 2000-11-20

PRIOR FILING DATE: 2000-11-20

PRIOR FILING DATE: 2000-11-20

PRIOR PILING DATE: 2000-11-20

PRIOR PILING DATE: 2000-11-20

PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR PILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: US 60/289,846

PRIOR PILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: US 60/289,846

PRIOR PILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-16
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                                                                                                                                                                                                          Query Match

70.3%; Score 20.4; DB 12; Length 609;
Best Local Similarity 95.5%; Pred. No. 40;
Matches 21; Conservative 0; Mismatches 1; Indels 0
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Best Local Similarity 88.0%; Pred. No. 49;
Matches 22; Conservative 0; Mismatches
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CORGANISM: Homo sapiens
US-09-925-065A-935980
                                                          TYPE: DNA
CORGANISM: Homo sapien
US-10-301-480-948208
; SEQ ID NO 948208
; LENGTH: 609
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Search completed: May 9, 2006, 06:39:10 Job time : 656.044 secs

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RESULT 1
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Sequence 1, Appli
Sequence 13337, A
Sequence 63547, A
Sequence 13225, A
Sequence 13595, A
Sequence 13595, A
Sequence 14139, A
Sequence 17377, A
Sequence 712, App
Sequence 712, App
Sequence 82906, A
Sequence 82906, A
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GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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1: /cgn2_6/ptodata/1/ina/1_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/6_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
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5: /cgn2_6/ptodata/1/ina/H_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*
7: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*
8: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*
9: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
9: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*
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US-09-820-007-3
US-09-949-016-14139
US-09-513-999C-25080
US-09-949-016-15737
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US-09-415-785A-101
US-09-415-785A-102
US-08-944-465-101
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US-09-415-868-101
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                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
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-09-415-784-101
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Maximum Match 100%
Listing first 45 summaries
                                                    OM nucleic - nucleic search, using sw model
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Maximum DB seq length: 200000000
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Match Length DB
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## ALIGNMENTS

POLYCYSTIC KIDNEY DISEASE GENE

KLINGER, KATHERINE W

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APPLICANT: CONNORS, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GERMINO, GREGORY
APPLICANT: GIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDN
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
                       LANDES, GREGORY M
BURN, TIMOTHY C
CONNORS, TIMOTHY D
DACKOWSKI, WILLIAM
GERMINO, GREGORY
QIAN, FENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-658-136-1
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                                                                                                     Query Match 100.0%; Score 26; DB 2; Length 31571; Best Local Similarity 100.0%; Pred. No. 0.02; Matches 26; Conservative 0; Mismatches 0; Indels 0
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APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: BURN, TIMOTHY C
APPLICANT: GRECORY, WILLIAM
APPLICANT: GRENINO, GREGORY
APPLICANT: GRENINO, GREGORY
APPLICANT: GRENINO, GREGORY
APPLICANT: GRENINO, GREGORY
APPLICANT: GRENINO, FOUNCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSPONDENCE ADDRESS:
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CORRESPONDENCE ADDRESS:
ADDRESSPONDENCE ADDRESS:
ADDRESSPONDENCE ADDRESS:
COUNTRY: USA
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ZIP: OLTOI

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE: CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELEBHONE: 508-872-8400
TELEBHONE: 508-872-5415
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
TEMPORATION FOR SEQ ID NO: 2:
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; Sequence 2, Application US/08658136
; Patent No. 6071717
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TYPE: nucleic acid
STRANDEDNESS: single
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: GIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
               COMPUTER RELABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EL PLOPPY disk
COMPUTER: EL PLOPPY disk
COMPUTER: EL PR PC compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REGISTRATION NUMBER: 31,845
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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100.0%; Score 26; DB 3;
Best Local Similarity 100.0%; Pred. No. 0.022;
Matches 26; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: ONE MOUNTAIN ROAD CITY: FRAMINGHAM STATE: MASSACHUSETTS COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
US-08-460-215A-1/c
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01701
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RESULT 3
US-08-658-136-1/c
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:

Gaps

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Indels

4 ; DB 3;

Length 4411529;

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Sequence 27337, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TILE REPERENCE: CLOON-04-14
CURRENT APPLICATION NUMBER: 05/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-37
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 63547, Application US/09949016

Bacent No. 6812339

GABREAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
                   APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, Claire M.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-22007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
SOURRENT FILIRG DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3013643 ccaccrcarcececerecrrecar 3013668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 19.6;
Pred. No. 43;
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87.0%; Pred. No. 48
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27337
LENGTH: 601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CCACCTCATCGCCCCTTCCTAAGCAT 26
                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Mycobacterium tuberculosis
OTHER INFORMATION: H37Rv
US-09-103-840A-1
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Best Local Similarity 84.6%;
Matches 22; Conservative
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Matches 20; Conservative
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LENGTH: 4411529
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US-09-949-016-27337
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US-09-949-016-63547
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                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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Sequence 2, Application US/09103840A

Setent No. 6294328

GENERAL INFORMATION:
APPLICANT: FELESCHUMN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT APPLICATION NUMBER: US/09/103,840A

CURRENT PILING DATE: 198-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 4403765
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OTHER INFORMATION: "n" bases at various positions throughout the sequence

OTHER INFORMATION: represent a, t, c or g

US-09-103-840A-2
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; Pred. No. 0.022;
0; Mismatches 0; Indels 0
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOGTWARE: Patentil Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,215A
FILING DATE: 02-JUN-1995
CLASSIPICATION: 514
ATTORNEY AGENT INFORMATION:
NAME: DUGAN, DEBORAH
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: GEN4-17.5
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Patent No. 6294328
GENERAL INFORMATION:
APPLICANT: PLEISCHMAN, Robert D.
                                                                                                                                                                                                                                                                                                                                                TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.0%;
Matches 26; Conservative 0
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US-09-103-840A-1
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US-09-103-840A-2
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Length 601;

DB 3;

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FEATURE:
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Sequence 13595, Application US/09949016

Fatent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craiq et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR PILING DATE: 2000-10-20

PRIOR PELING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR PILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

CURRENT APPLICATION NUMBER: 06/241,755

PRIOR FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FEBESEQ for Windows Version 4.0

SEQ ID NO 12225

LENGTH: 24709
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                                                                                                                                                                                                                                                                                   DB 3;
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Best Local Similarity 87.0%; Pred. No. 48;
Matches 20; Conservative 0; Mismatches
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Pred. No. 88
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 601
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US-09-949-016-12225
; Sequence 12225, Application US/09949016
; Patent No. 6812339
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87.0%;
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Best Local Similarity 87.0
Matches 20; Conservative
                                                                                                                                                                                          TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Human
US-09-949-016-12225
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US-00-949-016-14139

Sequence 14139, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WIMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PLING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PSECSEQ for Windows Version 4.0

LENGTH: 323820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INCREMATION:

GENERAL INCREMATION:

APPLICANT: YAN, Chunhua et al

TITLE OF INVENTION: ACID HUMAN TRANSPORTER PROTEINS,

TITLE OF INVENTION: AND USES THEREOF

TITLE OF INVENTION: AND USES THEREOF

FILE REFERENCE: CL001205

CURRENT APPLICATION NUMBER: US/09/820,007

CURRENT FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3
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Pred. No. 1.2e+02;
0; Mismatches 3;
                                                                                                                                                                                 Query Match 70.0%; Score 18.2; Dest Local Similarity 87.0%; Pred. No. 88; Matches 20; Conservative 0; Mismatches
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 13595
LENGTH: 24710
TYPE: DNA
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Patent No. 6830900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature; LOCATION: (1)...(213456); OTHER INFORMATION: n = A,T,C or US-09-820-007-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 87.0%;
Matches 20; Conservative
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ORGANISM: Human
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ORGANISM: Human
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Search completed: May 9, 2006, 05:56:07 Job time : 78.6444 secs
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Sequence 15737, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR PLILING DATE: 2000-10-20

PRIOR PELICATION NUMBER: 60/231,768

PRIOR PELICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FEASTECO for Windows Version 4.0

SEC ID NO 15737
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US-09-513-999C-25080/c

Sequence 25080, Application US/09513999C

Patent No. 6783961;
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REPERBERICE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 1999-02-24
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26

PRIOR APPLICATION NUMBER: US 60/122,487
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                                                                                                                Query Match
70.0%; Score 18.2; DB 3; Length 323820;
Best Local Similarity 87.0%; Pred. No. 1.38+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0;
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Pred. No. 1.1e+02;
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                                                                                                                                                                                                                   4 CCTCATCGCCCCTTCCTAAGCAT 26
                 ; LOCATION: (1)._.(323820)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14139
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80.8%;
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SOFTWARE: Patent.pm
NAME/KEY: misc_feature
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US-09-513-999C-25080
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Best Local Similarity
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ORGANISM: Human
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LENGTH: 143
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL000790
CURRENT APPLICATION NUMBER: 60/231,401
PRIOR APPLICATION NUMBER: 60/231,401
NUMBER OF SEQ ID NOS: 10823
SOPTWARE: FALLING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 10823
SOPTWARE: FALSEQ for Windows Version 4.0
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Patent No. 6900016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: misc_feature
; LCCATION: (1)...(32177)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-002-712
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Best Local Similarity 80.89
****Ches 21; Conservative
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21; Conservative
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US-09-949-002-712/c
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ORGANISM: Human
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Sequence 121, App
Sequence 83, Appl
Sequence 7186, Ap
Sequence 49324, A
Sequence 49325, A
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1690, Ap
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/cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/USIOA_PUBCOMB.seq:*
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/cgn2_6/ptodata/1/pubpna/USIOB_PUBCOMB.seq:*
GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-10-424-599-7186

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US-09-925-065A-49324

US-09-925-065A-437738

US-09-925-065A-437739

US-09-925-065A-437740

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Gapop 10.0 , Gapext 1.0
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seq length: 200000000
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Match Length DB
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		ALIGNMENTS						
101	Sequence	US-10-391-441-101	9	8000	67.7	17.6	42	
102, App	Sequence		m	8000		17.6	4	
101	Sequence	US-09-507-362-101	m	8000	67.7		43	
544	Seguence	US-10-739-930-5444	œ	1865	67.7		42	
407	Seguence	US-10-739-930-4071	œ	1759	67.7	17.6	41	O
47,	Sequence	US-10-343-477A-47	σ	1089	67.7	17.6	40	O
	Sequence	US-10-425-115-84140	60	754	67.7	17.6	39	O
	Sequence	US-09-925-065A-502013	4	675	67.7	17.6	38	
	Sequence	US-10-029-386-967	9	533	67.7	17.6	37	
3 1398, Ap	Sequence	US-09-922-293-1398	m	287	67.7	17.6	36	U
175164,	Sequence	US-10-425-115-175164	Φ	267	67.7	17.6	32	
14670	Sequence	US-10-029-386-14670	9	256	67.7	17.6	34	
	Sequence	US-09-922-293-1399	m	200	67.7	17.6	33	υ
429	Sequence	US-09-294-093B-4296	m	199	67.7	17.6	32	υ
a 1, Appli	Sequence	US-10-029-120-1	9	32998	68.5	17.8	31	
Ļ,	Sequence	US-10-027-801-1	w	32998	68.5	17.8	30	
٦,	Sequence		Ŋ	32998	68.5	17.8	59	
ij	Sequence	US-10-027-806-1	S	32998	68.5	17.8	28	
437741,	Sequence	US-09-925-065A-437741	4	569	68.5	17.8	27	
	Sequence	US-09-925-065A-590403	4	567	68.5	17.8	56	
	Sequence	US-09-925-065A-49323	4	537	68.5	17.8	25	ပ
217,	Sequence	US-10-052-482-217	7	44990	69.5	18	24	O

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Sequence 4, Application US/09904968A

Sequence 4, Application US/09904968A

Publication No. US2003000828B1

GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: GERMINO, Gregory
APPLICANT: HANDERKITCHAROEN, Bunyong
TITLE OF INVERTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
FILE REFERENCE: JHU1680-2
CURRENT APPLICATION NUMBER: US/09/904,968A
CURRENT PILING DATE: 2001-07-13
FRIOR APPLICATION NUMBER: US 60/283,691
FRIOR APPLICATION NUMBER: US 60/283,691
FRIOR APPLICATION NUMBER: US 60/218,261
FRIOR SEQ ID NOS: 113
FRIOR FILING DATE: 2000-07-13
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Publication No. US20030008288A1
GENERAL INFORMATION
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: WATNICK, Terry
APPLICANT: WATNICK, Terry
APPLICANT: PHAKDEEKITGRAROEN, Bunyong
TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
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Best Local Similarity 100.
Matches 26; Conservative
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US-09-904-968A-1/c
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LENGTH: 26
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                                                                                                                                                                                                                  ; Score 26; DB 3; Length 53522;
; Pred. No. 0.051;
0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                    Sequence 83, Application US/10737318
Publication No. US2005020442A1
GENERAL INFORMATION:
APPLICANT: Morris, David W.
APPLICANT: Malandro, Marc S.
TITLE OF INVENTION: NOVEL THERAPEUTIC TARGETS IN CANCER
FILE REFERENCE: JHU1680-2
CURRENT APPLICATION NUMBER: US/09/904,968A
CURRENT FILING DATE: 2001-07-13
FRIOR APPLICATION NUMBER: US 60/283,691
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2000-07-13
NUMBER OF SEQ ID NOS: 113
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
LENGTH: 53522
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100.0%;
Best Local Similarity 100.0%;
Matches 26; Conservative 0;
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                                                                                                                                                           TYPE: DNA ORGANISM: Homo sapiens
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US-10-737-318-83/c
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Sequence 7186, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION.
APPLICANT: La Rosa Thomas J
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRENUE: 32.1(3523)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OP SEQ ID NOS: 285684
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US-09-925-065A-49324/c

i Sequence 49324, Application US/09925065A

j Publication No. US20050228172A9

j GENERAL INFORMATION:

j APPLICANT' Mango, David G.

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

FILE SPERENCE: 108827.135

CURRENT APPLICATION NUMBER: US/09/925,065A

CURRENT FILING DATE: 2001-08-08

PRIOR PLING DATE: 2000-10-24

PRIOR PLING DATE: 2000-11-20

PRIOR FILING DATE: 2000-11-30

PRIOR FILING DATE: 10500-11-30
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GOTHER INFORMATION: Clone ID: PAT_MRT3847_106497C.1
US-10-424-599-7186
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Pred. No. 99;
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FILE REFERENCE: 529452002800
CURRENT APPLICATION NUMBER: US/10/737,318
CURRENT FILING DATE: 2003-12-15
NUMBER OF SEQ ID NOS: 92
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 83
LENGTH: 80264
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; OTHER INFORMATION: n = A,T,C or
US-10-737-318-83
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90.9%;
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Best Local Similarity 84.6%;
Matches 22; Conservative
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Best Local Similarity 90.93
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LENGTH: 796
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TYPE: DNA
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Publication No. US20050228172A9

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Udentification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
TITLE OF INVENTION: Number: US/09/925,065A

CURRENT FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: US 60/252,147

PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR APPLICATION NUMBER: US 60/261,766

PRIOR APPLICATION NUMBER: US 60/289,846

PRIOR PILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-05-09

NUMBER OF SEQ ID NOS: 957086

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 537
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135

CURRENT PAPLICATION NUMBER: US/09/925,065A

PRIOR APPLICATION NUMBER: US 60/243,096

PRIOR PILING DATE: 2000-10-24

PRIOR FILING DATE: US 60/243,17
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PRIOR APPLICATION NUMBER: US 60/261,766
PRIOR FILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 49324
LENGTH: 537
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Matches 20; Conservative
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US-09-925-065A-49325
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US-09-925-065A-262314
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GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Indentification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REPERRNCE: 108827.135
CURRENT FILING DATE: 2001-08-08
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-20
PRIOR FILING DATE: 2001-11-0
PRIOR FILING DATE: 2001-01-16
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Sequence 437739, Application US/09925065A
Publication No. US20050228172A9
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
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Pred. No. 1.9e+02;
0; Mismatches 3;
PRIOR FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: US 60/289,846
PRIOR PILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 262314
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87.0%;
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US-09-925-065A-437738
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Best Local Similarity
Matches 20; Conserv
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US-09-925-065A-437738
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LENGTH: 569
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RESULT 13
US-10-242-515-2860
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US-10-087-192-1690
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TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Identification and Mapping of Single
TITLE REPERENCE: 108827,135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
PRIOR PELING DATE: 2000-10-24
PRIOR FILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-20
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-6
PRIOR PILING DATE: 2000-11-6
PRIOR PILING DATE: 2000-11-6
PRIOR FILING DATE: 2000-11-6
PRIOR FILING DATE: 2000-11-6
PRIOR FILING DATE: 2001-01-6
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Patent No. US20020147140A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC005
PRIOR APPLICATION NUMBER: US 60/243,096
PRIOR FILING DATE: 2000-10-24
PRIOR PILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-6
PRIOR FILING DATE: 2001-01-6
PRIOR FILING DATE: 2001-01-6
PRIOR FILING DATE: 2001-01-6
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 437739
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; Sequence 437740, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
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Best Local Similarity 87.09
Matches 20, Conservative
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NUMBER OF SEQ ID NOS: 4031
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APPLICANT: ROWATION:

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REBERENCE: PC005C1
CURRENT APPLICATION NUCLEIC ACIDS, 10/242,515
CURRENT FILING DATE: 2002-09-13
PRIOR PELICATION NUMBER: 09/764,877
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR PILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/219,65
PRIOR PILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 60/214,886
PRIOR PILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR PILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR PILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,447
PRIOR APPLICATION NUMBER: 60/225,447
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR PILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-07-14
PRIOR PILING DATE: 2000-08-14
PRIOR PILING DATE: 2000-08-14
PRIOR PILING DATE: 2000-08-14
PRIOR PILING DATE: 2000-08-14
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CURRENT APPLICATION NUMBER: US/09/764,877
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 4031
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2860
LENGTH: 5549
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Matches 20; Conservative
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; ORGANISM: Homo sapiens
US-10-242-515-2860
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; ORGANISM: Homo sapiens
US-09-764-877-2860
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RESULT 15

US-09-820-007-3

Sequence 3, Application US/09820007

Publication No. US20040229304A1

GENERAL INFORMATION:

TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,

TITLE OF INVENTION: AND USES THEREOF

CURRENT APPLICATION UNMBER: US/09/820,007

CURRENT FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 213456

TYPE: DNA

ORGANISM: Human
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70.0%; Score 18.2; DB 3; Length 213456;
Best Local Similarity 87.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0;
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70.0%; Score 18.2; DB 5; Length 58952;
Best Local Similarity 87.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indeis 0;
APPLICANT: Morris, David W.
APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: CANCER
TITLE OF INVENTION: CANCER
TITLE OF INVENTION: CANCER
CURRENT PAPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 2059
SEQ ID NO 1690
SEQ ID NO 1690
LENGTH.
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NAME/KEY: misc_feature
LOCATION: (1)...(58952)
COTHER INFORMATION: n = A,T,C or G
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LCCATION: (1)...(211456)
CTHER INFORMATION: n = A,T,C or G
US-09-820-007-3
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ORGANISM: Homo sapiens
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Search completed: May 9, 2006, 06:18:30 Job time : 631.489 secs

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Sequence 1112523, Sequence 1112524,

Sequence 953944

Sequence

Sequence 471791, Sequence 39158, A Sequence 39158, A Sequence 47820, A Sequence 47820, A Sequence 59403, Sequence 59403, Sequence 59403, Sequence 437741, Sequence 437741, Sequence 52216, A Sequence 522, Appl Sequence 222, Appl Sequence 60052, A Sequence 60052, A Sequence 552, Appl Sequence 379465, Sequence 370465, Sequence 370465,

Scoring table:

Searched:

Minimum DB Maximum DB

Database

Perfect score:

Run on:

Sequence:

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Sequence 3010, Application US/10932182A
Publication No. US20060046253A1
GENERAL INFORMATION:
APPLICANT: NAKAWURA, NORIHIRO
APPLICANT: FUJIWURA, YOKIKO
APPLICANT: FUJIWURA, TOMOKO
APPLICANT: FUJIWURA, TOMOKO
APPLICANT: ASHIKARI, TOSHIHIKO
TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
FILE REPREBACE: 030665-043
CURRENT APPLICATION NUMBER: US/10/932,182A
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2 US-10-301-480-499114
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Local Similarity 87.5%; Pred. No. 42;
hes 21; Conservative 0; Mismatches
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SOFTWARE: Patentin version 3.3
SEQ ID NO 3010
LENGTH: 1872
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US-10-932-182A-3010
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Matches
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Sequence 49324, A.
Sequence 49335, A.
Sequence 150562,
Sequence 150563,
Sequence 763971,
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Sequence 3010, Ap
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Sequence 437738,
Sequence 437739,
Sequence 437740,
Sequence 340535,
                                                                                                                                    May 9, 2006, 05:37:24 ; Search time 588.178 Seconds (without alignments) 180.024 Million cell updates/sec
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2: /SIDS5/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
3: /SIDS5/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
4: /SIDS5/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
5: /SIDS5/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
7: /SIDS5/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
7: /SIDS5/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
8: /SIDS5/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
9: /SIDS5/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
10: /SIDS5/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
11: /SIDS5/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
12: /SIDS5/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
14: /SIDS5/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
15: /SIDS5/ptodata/1/pubpna/USO1_NEW_PUB.seq:*
16: /SIDS5/ptodata/1/pubpna/USO1_NEW_PUB.seq:*
17: /SIDS5/ptodata/1/pubpna/USO1_NEW_PUB.seq:*
18: /SIDS5/ptodata/1/pubpna/USO1_NEW_PUB.seq:*
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18: /SIDS5/ptodata/1/pubpna/USO1_NEW_PUB.seq:*
19: /SIDS5/ptodata/1/pubpna/USO0_NEW_PUB.seq:*
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                   GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-10-330-773-902

US-09-925-065A-49325

US-09-925-065A-49325

US-10-301-480-150562

1 US-10-301-480-150563

2 US-10-301-480-763972

US-09-925-065A-437739

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US-09-925-065A-437739
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Maximum Match 100%
Listing first 45 summaries
                                                                                               OM nucleic - nucleic search, using sw model
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and is derived by analysis of
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seq length: 200000000
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Match Length DB
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Fublication No. US20040181048A1
GENERAL INFORMATION:
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REPERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT FILING DATE: 2001-08-08
FRIOR FILING DATE: 2000-10-24
FRIOR FILING DATE: 2000-11-20
FRIOR FILING DATE: 2000-11-20
FRIOR PAPLICATION NUMBER: US 60/250,092
               APPLICANT: KODAMA, YUKKO
APPLICANT: KODAMA, YUKKO
APPLICANT: FUJIMURA, TOMOKO
TITLE ON INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
FILE REFERENCE: 030685-043
CURRENT APPLICATION NUMBER: US/10/932,182A
CURRENT FILING DATE: 2004-09-02
NUMBER OF SEQ ID NOS: 197023
SOFTWARE: Patentin version 3.3
SEQ ID NO 3010
LENGTH: 1872
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US-10-330-773-902
; Sequence 902, Application US/10330773
; Publication No. US20060040262A1
; GENERAL INFORMATION:
; APPLICANT: DAVIG W. Morris
; APPLICANT: DAVIG W. Morris
; APPLICANT: DAVIG W. Morris
; TILLE OF INVENTION: Novel Compositions and Methods in Cancer
; TILLE OF INVENTION: NOVEL COMPOSITIONS and Methods in Cancer
; CURRENT APPLICATION NUMBER: 20210300
; CURRENT FILING DATE: 2002-12-27
; NUMBER OF SEQ ID NOS: 981
; SOFTWARE: FastSEQ for Windows Version 4.0
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LCCATION: (1)...(90739)

CTHER INFORMATION: n = A,T,C or G

US-10-330-773-902
NAKAMURA, NORIHISA
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LENGTH: 90739
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%Sequence 150562, Application US/10301480

Sequence 150562, Application US/10301480

PUDIcation No. U0220060057564A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: In the Human Genome

FILE REFERENCE: 108827.137

CURRENT PAPLICATION NUMBER: US/10/301,480

CURRENT PILING DATE: 2002-11-21

PRIOR APPLICATION NUMBER: US 10/215,598

PRIOR FILING DATE: 2002-09-09
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i Sequence 49325, Application US/09925065A

i Publication No. US2040181048A1

i GENERAL INFORMATION:

APPLICANT: Wang, David G.

i TITLE OF INVENTION: Identification and Mapping of Single

TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

FILE REPERENCE: 108827.135

CURRENT FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: US 60/243,096

PRIOR FILING DATE: 2000-11-20

PRIOR PILING DATE: 2000-11-20

PRIOR PILING DATE: 2000-11-30

PRIOR PILING DATE: 2000-11-30

PRIOR PILING DATE: 2000-11-30

PRIOR PILING DATE: 2001-01-16

PRIOR PRIOR APPLICATION NUMBER: US 60/250,092

PRIOR PRIING DATE: 2001-10-16

PRIOR PRIING DATE: 2001-10-16

PRIOR PRIING DATE: 2001-01-16

PRIOR PRING DATE: 2001-03-05

NUMBER OF SEQ ID NOS: 957086

SOFTWARE PRAESEQ for Windows Version 4.0
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Pred. No. 1.1e+02;
0; Mismatches 3;
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Pred. No. 1.1e+02;
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PRIOR FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: US 60/261,766
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: US 60/289,846
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: PRESERG FOR WINDOWS Version 4.0
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Best Local Similarity 87.0%
Them 20; Conservative
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Best Local Similarity 87.0°
Matches 20; Conservative
                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
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Gaps

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RESULT 9
US-10-301-480-763972/c

j Sequence 763972/c

j Sequence 763972, Application US/10301480

j Publication No. US20060057564A1

GENERAL INFORMATION:

j APPLICANT: Wang, David G.

j TITLE OF INVENTION: in the Human Genome

j TITLE OF INVENTION: in the Human Genome

r TITLE OF INVENTION: in the Human Genome

j TITLE OF INVENTION: in the Human Genome

r CURRENT FILING DATE: 2002-11-21

pRIOR APPLICATION NUMBER: US 10/215,598

pRIOR PILING DATE: 2002-09-09

pRIOR PILING DATE: 2001-08-10

pRIOR PILING DATE: 2001-08-10

pRIOR PILING DATE: 2001-08-10

software PastSEQ for Windows Version 4.0

LENGTH: 537
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TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nuclectide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR PILING DATE: 2000-10-24
PRIOR PILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-16
SPIOR PILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FASTERQ FOR WINDOWS VETRION 4.0
SEQ ID NO 262314
LENGTH: 569
                                                           Length 537;
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                                                       Score 18.2; DB 12;
Pred. No. 1.1e+02;
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87.0%; Pred. No. 1.1e+02;
                                                    Query Match 70.0%; Score 18.2; D
Best Local Similarity 87.0%; Pred. No. 1.1e
Matches 20; Conservative 0; Mismatches
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Publication No. US20040181048A1
GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-09-925-065A-262314
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US-10-301-480-763972
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Best Local Similarity
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publication No. US20060057564A1

GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: In the Human Genome
TITLE OF INVENTION: in the Human Genome
FILE REFERENCE: 108827.137

CURRENT PAPLICATION NUMBER: US/10/301,480

CURRENT FILING DATE: 2002-11-21

PRIOR APPLICATION NUMBER: US 10/215,598

PRIOR PILING DATE: 2002-08-09

PRIOR PILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226818

SOFTWARE: FBSESEQ for Windows Version 4.0

SEQ ID NO 150563

LENGTH: 537
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Sequence 763971, Application US/10301480

Sequence 763971, Application US/10301480

Sequence 763971, Application US/10301480

Sequence 763971, Application US/10301480

TELEACTION TO THE TELEMENTION: In the Human Genome

FILE REFERENCE: 108827.137

CURRENT APPLICATION NUMBER: US/10/301,480

CURRENT FILING DATE: 2002-01-21

PRIOR APPLICATION NUMBER: US 10/215,598

PRIOR APPLICATION NUMBER: US 60/311,695

PRIOR PILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226818

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                                                                                                                                                                                                                                                                                                                                                              Query Match 70.0%; Score 18.2; DB 11;
Best Local Similarity 87.0%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 3;
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PRIOR APPLICATION NUMBER: US 60/311,695
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SEQ ID NO 150562
LENGTH: 537
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Matches 20, Conservative
                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapien
US-10-301-480-150562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapien
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US-10-301-480-763971
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US-09-925-065A-437738
i Sequence 437738. Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
i APPLICAMY WANG.
i TITLE OF INVENTION: Identification and Mapping of Single
i TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
i TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
i TITLE OF INVENTION: NUMBER: US/09/925,065A
; CURRENT PLILING DATE: 2000-108-08
REIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-11-20
; PRIOR PLILING DATE: 2000-11-30
; PRIOR PLILING DATE: 2000-11-30
; PRIOR PRILICATION NUMBER: US 60/250,092
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR PLILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
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Publication No. US20040181048A1;
GENERAL INFORMATION:
TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT APPLICATION NUMBER: US 60/243,096
FRIOR APPLICATION NUMBER: US 60/25,147
FRIOR APPLICATION NUMBER: US 60/250,092
FRIOR FILING DATE: 2000-11-20
FRIOR FILING DATE: 2000-11-30
FRIOR FILING DATE: 2000-11-30
FRIOR FILING DATE: 2001-01-16
FRIOR FILING DATE: 2010-01-16
FRIOR APPLICATION NUMBER: US 60/289,846
FRIOR FILING DATE: 2010-01-16
FRIOR APPLICATION NUMBER: US 60/289,846
FRIOR FILING DATE: 2010-01-16
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    0; Mismatches
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20; Conservative
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US-09-925-065A-437738
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; ORGANISM: Homo sapiens
US-09-925-065A-437739
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Sequence 340355, Application US/10301480
Publication No. US20060057564A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identifiction and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: In the Human Genome
FILE REFERENCE: 108827.137
CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT APPLICATION NUMBER: US 10/215,598
PRIOR FILING DATE: 2002-08-09
PRIOR FILING DATE: 2002-08-09
PRIOR PILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: FastSEQ for Windows Version 4.0
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GENERAL INFORMATION:

TITLE OF INVENTION: Identification and Mapping of Single
TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.135
CURRENT APPLICATION NUMBER: US/09/925,065A
CURRENT APPLICATION NUMBER: US 60/243,096
PRIOR APPLICATION NUMBER: US 60/252,147
PRIOR PLING DATE: 2000-10-24
PRIOR PILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR APPLICATION NUMBER: US 60/250,092
PRIOR PILING DATE: 2000-11-16
PRIOR PILING DATE: 2001-01-16
PRIOR PILING DATE: 2001-01-01
PRIOR PELING DATE: 2001-05-09
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 957086
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 569
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  Length 569;
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Query Match 70.0%; Score 18.2; DB 7; Best Local Similarity 87.0%; Pred. No. 1.1e+02; Matches 20; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                     Sequence 437740, Application US/09925065A Publication No. US20040181048A1 GENERAL INFORMATION:
                                                                                                                                              495 CACCTCCTCGCCCCCTCTCAGC 517
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87.0%;
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US-10-301-480-340535
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Matches 20; Conserv
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Best Local Similarity
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LENGTH: 572
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20; Conservative

Matches

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RESULT 15

US-10-301-480-499114

Sequence 499114

Sequence 499114

Sequence 499114

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: In the Human Genome
TITLE OF INVENTION: IN NUMBER: US/10/301,480

CURRENT FILING DATE: 2002-01-09

PRIOR PILING DATE: 2002-08-09

PRIOR PILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226018

SEQ ID NO 499114
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    0; Gaps
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    3; Indels
0; Mismatches
                                                                      495 CACCTCCTCGCCCCTCCTCAGC 517
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CORGANISM: Homo sapien
US-10-301-480-499114
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INFORMATION FOR SEQ 1D NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 31571 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO ORIGINAL SOURCE: ORGANISM: HOMO Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Appli
Sequence 2, Appli
Sequence 1, Appli
Sequence 165, App
Sequence 565, App
Sequence 819, App
Sequence 819, App
Sequence 813, App
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Sequence 1115, App
Sequence 1115, App
Sequence 1115, App
Sequence 2721, Appli
Sequence 2721, Appli
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Sequence 2721, Appli
Sequence 13968, Sequence 13968, App
                                                                                 May 9, 2006, 05:14:10 ; Search time 52.3556 Seconds
    (without alignments)
    645.083 Million cell updates/sec
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GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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1: /cgn2_6/ptodata/1/ina/1_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/6_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

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5: /cgn2_6/ptodata/1/ina/RB_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*

7: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*

8: /cgn2_6/ptodata/1/ina/PP_COMB.seq:*

9: /cgn2_6/ptodata/1/ina/RB_COMB.seq:*

9: /cgn2_6/ptodata/1/ina/RB_COMB.seq:*
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US-08-658-136-1

US-08-668-136-1

US-09-489-039A-565

US-09-902-540-800

US-09-902-540-855

US-09-902-540-855

US-09-902-540-865

US-09-902-540-813

US-09-902-540-813

US-09-902-540-813

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US-09-902-540-813

US-09-91313-999C-32794

US-09-91313-998C-32794

US-09-91313-9540-8251

US-09-949-016-139687

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US-09-940-16-139688

US-09-902-540-9018
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US-08-658-136-2
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Maximum Match 100%
Listing first 45 summaries
                                                    OM nucleic - nucleic search, using sw model
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1 99tcgcgctgtggcgaagg 19
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Maximum DB seq length: 200000000
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Match Length DB
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	U	27	14.8	77.9	2643		US-09-614-2214-287	A-287			
	υ	28	14.8	77.9	2643		TIS-09-487-558	B-439		ממל ל	
	υ	59	14.8	77.9	2790		US-09-252-991	A-2864		64. AD	
		30	14.8	77.9	6134		US-09-902-540		Sequence 80	5. App	
		31	14.8	77.9	6492		US-09-902-540			3. App	_
	υ	32	14.8	77.9	9053		US-09-902-540		Sequence 81	S, App	_
_	ט	33	14.8	77.9	24754		US-09-902-540		Sequence 12	30, Ap	_
		34	14.8	77.9	28509		US-09-902-540		Sequence 12	40, Ap	_
		35	14.8	77.9	87039	m	US-09-949-016-15691		Sequence 15	15691, A	_
	i	9 1	14.4	75.8	317		US-09-221-017		Sequence 59	5, App	_
	υ	3.7	14.4	75.8	1830		US-08-969-683		Seguence 66	, Appl	
	U	90 0	14.4	75.8	1830		US-09-308-207		Sequence 66	, Appl	
	υ		14.4	75.8	1860		US-09-489-039		Sequence 30	138, Ap	_
	υ	0 1	14.4	75.8	2812		US-09-620-312		Sequence 62	4, App	_
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		42	14.4	75.8	4430		US-09-902-540	-491		1, App	_
		43	14.4	75.8	15872		US-09-105-537	7		Appli	
		44	14.4	75.8	15872	m	-09-091-60		_		
		45	14.4	75.8	15872	m	NS-09-091-609	-3	'n	Appli	
							ALIGNMENTS				
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	•	ednence	e 1, Ap	plicat	; Sequence 1, Application US/08323443B	0832	3443B				
	<u>م</u>	Patent No.	No. 565	54170							
		GENERAI	GENERAL INFORMATION:	MATION							
		APPL]		KLING	KLINGER, KATHERINE	KATHERINE	NE W.				
	٠.	APPL	APPLICANT:	LANDES	S, GREGA	ORY	Ξ.				
	٠.	APPL	APPLICANT:	BURN,	TIMOTH	κ Ω					
	٠.	APPLI	APPLICANT:	CONNORS,	RS, TIMOTHY	OTHY	D.				
		APPL:	APPLICANT:	DACKO	DACKOWSKI, WILLIAM R	11.11	AM R.				
		APPL1	APPLICANT:	GERMIN	VO, GREC	30RY					
	•-	APPL1	APPLICANT:	QIAN, FENG	FENG						
	••	TITLE	TITLE OF INVENTION:	VENTION		YCYS	POLYCYSTIC KIDNEY DISEASE	SEASE GENE			
		NUMBER	R OF S	OF SEOUENCES:	••						
		CORRE	CORRESPONDENCE ADDRESS	NCE ADI	ORESS:						
		ADL	ORESSEE	: Dark	ADDRESSEE: Darby & Darby	rby	PC				
		STR	STREET:	805 Thi	805 Third Avenue	ne.					
		E	CITY: Ne	New York							
		STA	STATE: NY	×							
		ខ្ល	=	USA							
		ZIP:	P: 10022	22							
	٠.,	COMPL	COMPUTER READABLE FORM:	ADABLE	FORM:						
		MEL	NIUM TY	PE: F]	Floppy disk	18k					
	٠.	Ö	COMPUTER:	IBM	٠	atip	le				
	٠.	OPE	OPERATING SYSTEM:	SYSTEN		/soc	-DOS				
	٠.	SOF	SOFTWARE:	Pater	Patentin Release	leas	e #1.0, Version	on #1.30			
	٠.	CURRE	SNT APP	LICATIC	CURRENT APPLICATION DATA:						
		APE	APPLICATION NUMBER:	ON NUME	BER: U!	US/08/32	/323,443B				
	٠.	FIL	LING DA	TE: 12	FILING DATE: 12-OCT-199	994					
_		U	CLASSIFICATION: 435	ATION:	435						
		ATTOR	NEY/AG	ENT INF	ATTORNEY/AGENT INFORMATION:	 Ž					
		NAN	NAME: Ludwig, S. Pe	dwig, S	Ę	u					
		REC	SISTRAT	NOI NOI	(BER:	m	51				
		REF	PERENCE	/DOCKET	REFERENCE/DOCKET NUMBER:		0372/0A462				
		TELEC	TELECOMMUNICATION	CATION	INFORMATION:	VIIO	ä				
	•-	TEI	TELEPHONE:	(212	(212) 527-7700	7700					
		TEL	TELEFAX:	(212)	753-623	2.2					
		TNECOWN	CO TOTAL	000		•					

KLINGER, KATHERINE W

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                                                                                         Query Match 100.0%; Score 19; DB 2; Length 31571; Best Local Similarity 100.0%; Pred. No. 4.1; Matches 19; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: KAINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: BURN, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: PENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: COMPUTER: COMPACION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICALLC...
PILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQ 10 00: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 53526 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
""" (GENOMIC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3334 GGTCGCGCTGTGGCGAAGG 3352
                                                                                                                                                                                                                                    3599 GGTCGCCCTGTGGCGAAGG 3581
                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-658-136-1; Sequence 1, Application US/08658136; Patent No. 6071717; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGTCGCGCTGTGGCGAAGG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: ONE MOUNTAIN ROAD CITY: FRAMINGHAM STATE: MASSACHUSETTS COUNTRY: USA
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         01701
                                           US-08-323-443B-1
                                                                                                                                                                                                                                                                                                                              US-08-658-136-2
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APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GERGORX M
APPLICANT: LANDES, GERGORX M
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GREGORY
APPLICANT: GR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CALP: 01/01
CAMPUTER EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 4155
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REGISTRATION NUMBER: 31,845
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASACHUSETTS
COUNTY: USA
ZIP: 01701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3334 édrédédériérédédakéd 3352
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LANDES, GREGORY M
BURN, TIMOTHY C
CONNORS, TIMOTHY D
DACKOWSKI, WILLIAM
GERMINO, GREGORY
QIAN, FENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGTCGCGCTGTGGCGAAGG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECURING...
TELEPHONE: 508-872-5415
TELEPAX: 508-872-5415
INFORMATION FOR SEQ ID NO. 1: SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: ONE MOUNTAIN ROAD CITY: FRAMINGHAM STATE: MASSACHUSETTS COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                     APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Sequence 5800, Application US/09902540

Patent No. 6833447

GENERAL INFORMATION:

APPLICANT: Goldman, Barry S.

APPLICANT: Slater, Steven C.

APPLICANT: Slater, Steven C.

TITLE OF INVENTION: Wisgand, Roger C.

TITLE OF INVENTION: Wisgand, Roger C.

FILE REFERENCE: 38-10 (15849) B.

CURRENT APPLICATION NUMBER: US/09/902,540

CURRENT FILING DATE: 2000-07-10

PRIOR FILING DATE: 2000-07-10

PRIOR FILING DATE: 2000-07-10

NUMBER: OF SEQ ID NOS: 16825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinche, Gregory J.
APPLICANT: Hinche, Gregory J.
APPLICANT: Hinche, Gregory J.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 8298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                      DB 3; Length 954;
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                                                                                                                                                                                                                                    IndelB
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Pred. No. 1.4e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15.8; DB 3;
Pred. No. 1.4e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                      Score 16.4; Pred. No. 69;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 8298, Application US/09902540; Patent No. 6833447
                                                                                                                                                                                                                                                                                                                         725 GGTCGCGCTATGGCGAAG 708
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                                                                                                               ORGANISM: Klebsiella pneumoniae
US-09-489-039A-449
                                                                                                                                                                                                                                                                            1 GGTCGCCTGTGGCGAAG 18
                                                                                                                                                                                      86.3%;
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Best Local Similarity 89.5%;
Matches 17; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 83.2%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Myxococcus xanthus US-09-902-540-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA; ORGANISM: Myxococcus xanthus US-09-902-540-8298
                       NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 449
LENGTH: 954
                                                                                                                                                                               Query Match
Best Local Similarity 94.4*
Matches 17; Conservative
    PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-902-540-8298/c
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 7
US-09-902-540-5800
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Sequence 565, Application US/09489039A

Patent No. 6610836

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: PREUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
TITLE TEFFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILLING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
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Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 19; Conservative 0; Mismatches 0; Indels 0
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           COPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 02.008/460,215A
FILING DATE: 02.00N-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: DUGAN, DEBORAH
REGISTRATION NUMBER: 37,315
REGISTRATION NUMBER: 37,315
RELEFANGE 508-872-8400
TELEFANS 508-872-8415
INFORMATION: 508-872-8415
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 16.4;
Pred. No. 69;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-489-039A-449/c
; Sequence 449, Application US/09489039A
; Patent No. 6510836
; Patent No. 6510816
; APPLICANT: Gary Breton et. al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3334 Gercecerierecenade 3352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GGTCGCGCTGTGGCGAAGG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       218 GGTCGCGCTATGGCGAAG 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative
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LENGTH: 906
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Query Match
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                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinch, Gregory J.
APPLICANT: Stater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Mycococcus xanthus Genome Sequences and Uses Thereof
FILE REPERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT APPLICATION NUMBER: 60/217,883
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 865
LENGTH: 6935
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Patent No. 6833471

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Macgand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof CURRENT APPLICATION NUMBER: 08/19/902,540
PRIOR PAPLICATION NUMBER: 60/19/10
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
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Best Local Similarity 89.5%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 83.2%; Score 15.8; DB 3; Length 6935; Best Local Similarity 89.5%; Pred. No. 1.5e+02; Matches 17; Conservative 0; Mismatches 2; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; NAME/KEY: unsure
; LOCATION: (1)..(72704)
; OTHER INCRRATION: unsure at all n locations
US-09-902-540-1273
                                                                                                                                  US-09-902-540-865
; Sequence 865, Application US/09902540
; Patent No. 6833447
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                                              844 GGTCGCGCTGGGGCGGAGG 826
1 GGTCGCGCTGTGGCGAAGG 19
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US-09-902-540-1273
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LENGTH: 72704
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RESULT 11

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Sequence 813, Application US/09902540

Fatent No. 6833447

GENERAL INFORMATION:

APPLICANT: Goldman, Barry S.

APPLICANT: Hinkle, Gregory J.

APPLICANT: Missand, Roger C.

APPLICANT: Wissand, Roger C.

TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof

TITLE OF INVENTION: Mysolococcus xanthus Genome Sequences and Uses Thereof

CURRENT APPLICATION NUMBER: 105/9902,540

CURRENT APPLICATION NUMBER: 60/217,883

FRIOR FILING DATE: 2000-07-10

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 16825

SEQ ID NO 813
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Sequence 8004, Application US/09902540

Patent No. 6833477

GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Roger C.
APPLICANT: Miegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38.10 (15849)B

CURRENT APPLICATION UNMERS: US/09/902,540

PRIOR FILING DATE: 2001-07-10

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 16825
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 1182;
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Pred. No. 2.2e+02;
0; Mismatches 1;
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Patent No. 6239564
GENERAL INFORMATION:
APPLICANT: Philippsen, Peter
APPLICANT: Pohlmann, Rainer
APPLICANT: Steiner, Sabine
APPLICANT: Mohr, Christine
APPLICANT: Mohr, Christine
APPLICANT: Knechtle, Philipp
APPLICANT: Rechischung, Corinne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  336 rccccrrrcccaAge 320
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Best Local Similarity 94.1%;
Matches 16; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Myxococcus xanthus
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ORGANISM: Myxococcus xanthus
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US-08-998-416-1115
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LENGTH: 1182
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534 CGCGCTGTGGCGAAG 548
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Sequence 1206, Application US/09489039A

Patent NO. 6610836

GENERAL INFORMATION:
APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

CURRENT PELLON NUMBER: US/09/489,039A

CURRENT FILING DATE: 1999-01-29

RUMBER OF SEQ ID NOS: 14342

SEQ ID NO 1206

LENGTH: 1173

LENGTH: 1173
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     GENOMIC DNA SEQUENCES OF ASHBYA GOSSYPII
AND USES THEREOF
1152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 78.9%; Score 15; DB 3; Length 633; Best Local Similarity 100.0%; Pred. No. 3.4e+02; Matches 15; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CORPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,416
FILING DATE: 34-DEC-1997
CLASSIFICATION NUMBER: US/08/97
FILING DATE: 31-DEC-1996
ATTORNEY/AGENT INPORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REGISTRATION NUMBER: 38,241
REGISTRATION NUMBER: 39,241
RELEPHONE: 919-541-8687
INFORMATION FOR SEQ ID NO: 1115:
SEQUENCE CLARACTERISTICS:
LENGTH: 633 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF TITLE OF INVENTION: AND USES THEREOF NUMBER OF SEQUENCES: 1152
CORRESPONDENCE ADDRESS: ADDRESSES: No. 6239264artis Corporation STREET: 3054 Cornwallis Road CITY: Research Triangle Park STATE: No. 6239264th Carolina COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
CRGANISM: Klebsiella pneumoniae
US-09-489-039A-1206
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ORIGINAL SOURCE:
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US-08-998-416-1115
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US-09-489-039A-1206
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                                                                                             APPLICANT: 14319, 1. 1004
APPLICANT: 14319, 1. 1004
APPLICANT: Zhou, Ping
APPLICANT: Zhou, Ping
APPLICANT: Asundi, Vinod
APPLICANT: Asundi, Vinod
APPLICANT: Wang, Jian-Rui
APPLICANT: Wang, Jian-Rui
APPLICANT: Wu, Chongjun
APPLICANT: Xu, Chongjun
APPLICANT: Xu, Chongjun
APPLICANT: No. 6436703el Nucleic Acids and
ITTLE OF INVENTION: No. 6436703el
TITLE OF INVENTION: No. 6436703el
TITLE OF INVENTION: No. 6436703el
FILE REFERENCE: 790C1P2A
CURRENT PELING DATE: 2000-09-22
RRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR PILING DATE: 2000-08-23
FRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: pt_Fl_genes Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Search completed: May 9, 2006, 05:56:09 Job time : 53.3556 sec8
; Sequence 6, Application US/09668680
; Patent No. 6436703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                253 GCGCTGTGGCGAAGG 239
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                                                                               Tang, Y. Tom
Liu, Chenghua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; NAME/KEY: CDS
; LOCATION: (27)..(2375)
US-09-668-680-6
                                                GENERAL INFORMATION:
APPLICANT: Tang, Y.
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May 9, 2006, 05:26:49; Search time 460.011 Seconds (without alignments) 341.553 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Published Applications NA Main:*

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3: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*

8: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/USOB_PUBCOMB.seq:*
GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               9793542 seqs, 4134689005 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                     nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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19
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 2649, Ap Sequence 2650, Ap Sequence 2650, Ap Sequence 2650, Ap Sequence 121, App Sequence 87337, A Sequence 43242, A Sequence 15, Appl Sequence 15, Appl Sequence 7789, Apple Sequence 1789, Apple Sequence 691, Apple Sequence 19948, Apple Sequence 12213, Apple Sequence 13, Apple Sequence 13, Apple Sequence 20510, Apple 2 Sequence 19, Appl Sequence 1, Appli Sequence US-10-322-281-691 US-10-437-96-19948 US-10-767-701-22213 US-10-369-499-42897 US-10-116-821-13 US-10-425-113-120685 US-10-425-115-120685 US-09-789-561-80 US-09-904-968A-19 US-09-904-968A-1 US-10-363-345A-2649 US-10-363-345A-2650 US-10-363-483A-2650 US-10-363-483A-2650 US-10-437-963-87337 US-10-437-963-31042 US-10-369-493-43242 US-11-109-593-15 US-10-425-115-137211 US-11-097-143-7789 US-11-109-593-1 SUMMARIES 101 Length DB 656 762 1059 2047 5373 67323 479 1176 1518 1518 1627 2386 2619 Query Match Result Š υu υU U O

Sequence 1, Application US/09904968A
Sequence 1, Application US/09904968A
GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: GERMINO, Gregory
APPLICANT: WANTICK, Terry
APPLICANT: WANTICK, Terry
APPLICANT: PHAKDERITICHANOEN, Bunyong
TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE

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						ALIGN	ALIGNMENTS						
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	Sequence 19, Appilca Publication No. US20	NO L	10at 1	Sn uol	7099	19, Application US/09904968A							
	NERAL INF	ORMATI	N		1								
	APPLICANT:	THE J	S	HOPKINS		UNIVERSITY	LY SCHOOL	IL OF	MEDICINE	Ä			
	APPLICANT:		IINO,	Gregory	<u>.</u>								
	PPLICANI:	PHAK	MAINICA, PHAKDERKI	MAINICK, TELLY PHAKDERY	N EN	Bunyon							
	ITLE OF I	NVENTI	ON:	ETECT	NO	AND TREATMENT		OF PO	POLYCYSTIC KIDNEY DISEASE	C KIDN	EY D	ISEASE	
	TLE REFER	ENCE:	JHU16	180-2									
	CURRENT APPLICATION NUMBER: US/09,	PLICAT	NOI	TUMBER	SO :	/904	, 968A						
	URRENT FI	LING	ATE	2001	-07-	,	,						
	KIOK APPL	NG DATE	NO.	BEK:	9 2	٥	91						
	RIOR APPL	TCATTO	N MIR	TREE.	. T.	196 816/0	-						
	RIOR FILL	NG DAT	E: 20	100-07	-13	, , , , , , , , , , , , , , , , , , , ,	!						
	ĎŁ.	SEQ ID	NOS:	113									
	SOFTWARE:	at	In ve	entIn version	3.0								
	SEC ID NO IS	n o											
	TYPE: DNA	•											
. ~	ORGANISM: Artificial	Artif	icial	. sequence	ence								
0-SN	OTHER INFO 09-904-968A	INFORMATION -968A-19	••	PCR pr:	primer	1F1							
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W B C	Query match Best Local ( Matches 1)	Simi 9;	rity	larity 100 Conservative	 	Score Pred. 0; Mism	ore 19; DB ed. No. 16; Mismatches	. 0	Lengtn ; Indel	19; 18	;	Gарв	0,
ò	1	_	CGCTG	GGTCGCGCTGTGGCGAAGG	<b>₩</b>	19							
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Sequence 2650, Application US/10363483A
Publication No. US20050064401A1
General. Information:
APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Christian Plepenbrock
APPLICANT: MILE Berlin
TITLE OF INVENTION: illnesses
FILE REPERENCE: 82011
CURRENT APPLICATION UNMER: US/10/363,483A
CURRENT APPLICATION NUMBER: US/10/363,483A
CURRENT PILING DATE: 2003-03-03
SEQ ID NOS: 40712
                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2649, Application US/10363483A
Publication No. US20050064401A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Trit Berlin
TITLE OF INVENTION: illnesses
FILE REFERENCE: 20201
CURRENT APPLICATION UNBER: US/10/363,483A
CURRENT PILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 2649
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                                  FEATURE:
CTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
CTHER INFORMATION: CPG-island No: 2650
US-10-363-345A-2650
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US-10-363-483A-2650
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US-10-363-483A-2649
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91.6%; Score 17.4; D
Best Local Similarity 94.7%; Pred. No. 62;
Matches 18; Conservative 0; Mismatches
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94.7%; Pred. No. 62;
:ive 0; Mismatches
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Pred. No. 62;
0; Mismatches
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ORGANISM: Artificial Sequence
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                ORGANISM: Artificial Sequence
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Matches 18; Conservative
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Best Local Similarity 94.7
Matches 18; Conservative
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US-10-363-483A-2649
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Sequence 2649, Application US/10363345A
Publication No. US20040234960A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Ortcosines in genomic DNA in the sequence context of 5'-CpG-3
CURRENT APPLICATION NUMBER: US/10/363,345A
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 2649
LENGTH: 623
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US-10-363-345A-2650/c

Sequence 2650, Application US/10363345A

Publication No. US20040234960A1

GENERAL INPORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Cytosines in genomic DNA in the sequence context of 5'-CpG-3
TITLE OF INVENTION WHERE: US/10/363,345A

CURRENT APPLICATON NUMBER: US/10/363,345A

CURRENT FILING DATE: 2003-03-03

NUMBER OF SEQ ID NOS: 40712

SEQ ID NO 2650

LENGTH: 623
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US-10-363-345A-2649
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         91.6%; Score 17.4; DB 8; Length 623; 94.7%; Pred. No. 62;
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FILE REFERENCE: JHU1680-2

CURRENT APPLICATION NUMBER: US/09/904,968A

CURRENT FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/283,691

PRIOR FILING DATE: 2001-07-13

PRIOR FILING DATE: 2000-07-13

NUMBER OF SEQ ID NOS: 113

SEQ ID NO 1

LENTH: 53522
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Matches 18, Conservative
                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
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US-10-363-345A-2649
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Sequence 43242, Application US/10369493

Publication No. US2000233675A1

GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10 (52052) B

CURRENT APPLICATION NUMBER: US/10/369,493

CURRENT PILING DATE: 2003-02-28

FRIOR APPLICATION NUMBER: US 60/360,039

PRIOR FILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374

SEQ ID NO 43242
                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Stou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Brabazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICANTON: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 31042
                                                                      Gaps
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Pred. No. 3.7e+02;
0; Mismatches 2; Indels
                     Length 871;
                                                                    1; Indels
                  Score 16.4; DB 7;
Pred. No. 1.8e+02;
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US-10-437-963-31042
86.3%; Scor.
94.4%; Pred. No. 1...
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; Publication No. US20040123343A1
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Best Local Similarity 89.5%;
Matches 17; Conservative (
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                                       Best Local Similarity 94.4
Matches 17; Conservative
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                     Query Match
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (5321)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 87337
LENGTH: 871
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                                                                                                                                                                        Sequence 12.1, Application US/10240485
; Genence 12.1, Application No. US20030148327A1
; GENERAL INPORMATION:
; APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: Metastasis
FILE REFERENCE: 5013.1007
CURRENT APPLICATION NUMBER: US/10/240,485
CURRENT FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR PELING DATE: 2001-04-06
PRIOR FILING DATE: 2000-04-06
PRIOR PELING DATE: 2000-04-07
PRIOR PILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-06-07
; PRIOR PILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 202
; SEQ ID NO 121
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US-10-437-963-87337
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Publication No. US20040123343A1
GENERAL INPORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4895 GGTCGCGTTGTGGCGAAGG 4913
                                                         428 GGTCGCGTTGTGGCGAAGG 410
             GGTCGCCCTGTGGCGAAGG 19
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ORGANISM: Oryza sativa
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US-10-437-963-87337
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; ORGANISM: DROSOPHILA
US-11-097-143-7789
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Best Local Similarity
Matches 17; Conserv
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US-10-322-281-691
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 137211, APPLICATION US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ea Rosa, Thomas J.
APPLICANT: Ebou, Yihua
APPLICANT: Abou, Yihua
APPLICANT: Abou, Yihua
APPLICANT: APPLICANT: Broughei
TITLE OF INVENTION: Plants
FILE OF INVENTION: Plants
FILE REFERENCE: 38-21(5322)8
CURRENT FILING DATE: 2003-04-28
CURRENT FILING DATE: 2003-04-28
SEQ ID NO 137211
LENGTH: 2047
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                                                                                                         US-11-109-593-15

Sequence 15, Application US/11109593

Publication No. US2005023369A1

GENERAL INFORMATION:
APPLICANT: Reid, Ralph
APPLICANT: Reeves, Christopher D.
TITLE OF INVENTION: BIOSINTHETIC GENE CLUSTER FOR JERANGOLIDS
FILE REFERENCE: 010108.01

CURRENT APPLICATION NUMBER: US/11/109,593

CURRENT APPLICATION NUMBER: US 60/563,843

PRIOR PILING DATE: 2004-04-19

NUMBER OF SEQ ID NOS: 43

SOFTWARE: PatentIn version 3.3

SEQ ID NO 15

LENGTH: 1059
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89.5%; Pred. No. 3.2e+02;
iive 0; Mismatches 2; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 83.2%; Score 15.8; DB 10; Best Local Similarity 89.5%; Pred. No. 3.5e+02; Matches 17; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-11-097-143-7789/c
. Sequence 7789, Application US/11097143
. Publication No. US20050208558A1
. GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       652 GGTCGCGGTGCCGAGG 670
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                         55 GGTCGCGCTGCCGAGG 73
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Sorangium cellulosum
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Best Local Similarity 89.5
Matches 17; Conservative
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ORGANISM: Zea mays
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DEROSOPHILA GENES.
TITLE OF INVENTION: DESOSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT PLING DATE: 2005-04-04
FRIOR FILING DATE: 1999-10-05
FRIOR FILING DATE: 1999-10-19
FRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-10-28
FRIOR PLING DATE: 1999-10-28
FRIOR PLICATION NUMBER: 60/164,769
FRIOR FILING DATE: 1999-11-2
FRIOR PLICATION NUMBER: 60/164,769
FRIOR PLILING DATE: 1999-11-2
FRIOR PLING DATE: 1999-10-28
FRIOR FILING DATE: 1999-10-28
FRIOR PLILING DATE: 2090-11-2
FRIOR PLILING DATE: 2000-01-12
FRIOR PLILING DATE: 2000-01-12
FRIOR PLILING DATE: 2000-01-12
FRIOR PLILING DATE: 2000-01-12
FRIOR FILING DATE: 2000-01-12
FRIOR FILING DATE: 2000-01-12
FRIOR FILING DATE: 2000-03-23
FRIOR FILING DATE: 2000-03-23
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; Sequence 1, Application US/11109593
; Publication No. US20050233369A1
; GENERAL INFORMATION:
    APPLICANT: Reid, Ralph
    APPLICANT: Reeves, Christopher D.
    TITLE OF INVENTION: BIOSYNTHETIC GENE CLUSTER FOR JERANGOLIDS
; FILE REFRENCE: 010108.01
; CURRENT APPLICATION NUMBER: US/11/109,593
; CURRENT FILING DATE: 2005-04-18
; PRIOR APPLICATION NUMBER: US 60/563,843
; PRIOR PILING DATE: 2004-04-19
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin version 3.3
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89.5%; Pred. No. 2.9e+02;
tive 0; Mismatches 2; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 43008
SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7789
LENGTH: 5373
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; ORGANISM: Sorangium cellulosum
US-11-109-593-1
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Sequence 691, Application US/10322281
; Publication No. US20040126762A1
; GENERAL INFORMATION:
APPLICANT: David W. Morris
; APPLICANT: David W. Morris
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer; FILE REFERENCE: 529452001000
; CURRENT FILING DATE: 2002-12-17
; NUMBER OF SEQ ID NOS: 866
; SOFTWARE: PASTSEQ for Windows Version 4.0
; SEQ ID NO 691
; LENGTH : 155350
; TYPE: DNA
ORCANISM: Mus musculus
; FRATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(155350)
; CTHER INFORMATION: n = A,T,C or G
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Search completed: May 9, 2006, 06:18:42 Job time : 461.011 secs

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Sequence Sequence

Sequence 76, Appl Sequence 76, Appl Sequence 1081219, Sequence 108581, Sequence 822581, Sequence 822760, Sequence 82240, Sequence 545421, Sequence 545422, Sequence 802340, Sequence 802402, Sequence 802303, Sequence 6018, Apple 202001, Sequence 802303, Sequence 802303, Sequence 698631, Sequence 698631, Sequence 698631, Sequence 698631,

Sequence 100859, Sequence 714268, Sequence 10111, A Sequence 18550, A

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Gaps

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Length 977; Indels

DB 12;

Result

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Sequence 570506, Application US/10301480
Publication No. US20060057564A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identifiction and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: In the Human Genome
FILE REFERENCE: 108827.137
CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT APPLICATION NUMBER: US 10/215,598
PRIOR FILING DATE: 2002-08-09
PRIOR FILING DATE: 2002-08-09
PRIOR PLING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: PREESEQ for Windows Version 4.0
1 US-10-932-182A-77844

7 US-11-121-086-20

1 US-10-933-982-21667

2 US-10-933-982-21667

2 US-10-931-980-467810

2 US-10-931-980-467810

2 US-10-925-065A-8029581

US-09-925-065A-829581

US-09-925-065A-802815

US-09-925-065A-802815

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US-09-925-065A-802819

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US-09-925-065A-802819

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US-09-925-065A-802819
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US-09-925-065A-698631
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Pred. No. 2.1;
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US-10-301-480-1183915
; Sequence 1183915, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 19; Conservative
                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-570506
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LENGTH: 977
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Sequence 3057, Ap
Sequence 80342, A
Sequence 80341, A
Sequence 80341, A
Sequence 19074, A
Sequence 19074, A
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Sequence 1189514,
Sequence 13498, A
Sequence 13, Appl
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Sequence 1183915,
                                                                                                                        May 9, 2006, 05:37:24; Search time 429.822 Seconds (without alignments) 180.024 Million cell updates/sec
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| SIDSS/ptodata/1/pubpna/USOB_NEW_PUB.seq1:*
| SIDSS/ptodata/1/pubpna/USOB_NEW_PUB.seq:*
                      GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-301-480-570506
US-10-301-480-1183915
US-10-301-480-1189515
US-10-301-480-1189514
US-10-995-561-11498
US-11-282-000-13
US-11-036-1951
US-11-036-1951
US-10-932-182A-80342
US-10-932-182A-80341
US-10-932-182A-80341
US-11-096-568A-19074
US-11-096-568A-19074
                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                        9306428 seqs, 2036268586 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                        - nucleic search, using sw model
                                                                                                                                                                                                                                     1 ggtcgcgctgtggcgaagg 19
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Maximum DB seq length: 200000000
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19
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Match Length
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1518
3236
3236
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                                                                                                                                                                                                                                     Sequence:
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                                                                                                                            Run on:
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                                                                                                                                                                                                                                ORGANISM: Homo sapien
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Best Local Similarity
Matches 17; Conserv
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US-10-995-561-13498/c
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LENGTH: 36360
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US-11-282-000-13
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; Sequence 1189514, Application US/10301480
; Publication No. US20660057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: in the Human Genome
FILE REFERENCE: 108827.137
CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 60/311,695
PRIOR FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: in the Human Genome
FILE REFERENCE: 108827.137
CURRENT APPLICATION NUMBER: US/10/310,480
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 60/311,695
PRIOR FILING DATE: 2002-08-09
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: RastsEQ for Windows Version 4.0
LENGTH: 975
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94.7%; Pred. No. 15;
tive 0; Mismatches
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CATION: 57, 206
COTHER INFORMATION: n = A,T,C or
US-10-301-480-576105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6 GGTCGCGCTGTGGCGAACG 24
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Best Local Similarity 94.7
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                            , ORGANISM: Homo sapien
US-10-301-480-1183915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-301-480-576105
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Publication No. US20050272054A1
GENERAL INFORMATION:
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CLO01559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 87702
SOFTWARE: FastSEQ for Windows Version 4.0
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| Sequence 13, Application US/11282000
| Publication No. US20060068477A1
| GENERAL INFORMATION:
| APPLICANT: Dodge, Fernando
| TITLE OF INVENTION: Methods for the Production of Products
| TITLE OF INVENTION: Methods for the Production of Products
| FILE REFERENCE: GCGC0-3
| CURRENT APPLICATION NUMBER: US/11/282,000
| FILE REPERENCE: GCGC0-3
| PRIOR PELICATION NUMBER: US 10/116,821
| PRIOR PILING DATE: 2002-04-05
| PRIOR APPLICATION NUMBER: US 60/282,277
| PRIOR APPLICATION NUMBER: US 60/282,277
| PRIOR SEQ ID NOS: 14
| SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                       Score 17.4;
Pred. No. 15;
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 10/215,598
PRIOR FILING DATE: 2002-08-09
PRIOR PILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: FastSEQ for Windows Version 4.0
SERGITH: 975
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LOCATION: 57, 206
OTHER INFORMATION: n = A,T,C or G
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94.7%;
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Matches 18; Conservative
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SEQ ID NO 80342
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APPLICANT: Borter, Mark
APPLICANT: Hoper, Kory
APPLICANT: Higgs, Brandon
APPLICANT: Higgs, Brandon
APPLICANT: Elashoff, Michael
TITLE OF INVENTION: Molecular Toxicology Modeling
FILE REFERENCE: 4921-5089-02
FILE REFERENCE: 4921-5089-02
CURRENT FILING DATE: 2005-01-08
CURRENT FILING DATE: 2005-01-08
FRIOR APPLICATION NUMBER: US 60/292,335
PRIOR APPLICATION NUMBER: US 60/292,335
PRIOR APPLICATION NUMBER: US 60/292,335
PRIOR APPLICATION NUMBER: US 60/293,25
PRIOR APPLICATION NUMBER: US 60/293,25
PRIOR APPLICATION NUMBER: US 60/303,800
PRIOR PILING DATE: 2001-06-19
PRIOR PILING DATE: 2001-07-10
PRIOR PILING DATE: 2001-08-28
PRIOR PILING DATE: 2001-08-28
PRIOR PILING DATE: 2001-08-28
PRIOR PILING DATE: 2001-09-20
PRIOR PILING DATE: 2001-09-28
PRIOR PILING DATE: 2001-09-28
PRIOR PILING DATE: 2001-09-27
PRIOR PILING DATE: 2001-09-28
PRIOR PILING DATE: 2001-09-27
PRIOR PILING DATE: 2001-08-28
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                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                    81.1%; Score 15.4; DB 18; 94.1%; Pred. No. 1.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Genbank Accession No. NM_031814
US-11-036-196-1951
                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1951, Application US/11036196 Publication No. US20060078900A1 GENERAL INFORMATION: APPLICANT: Mendrick, Donna
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US-11-136-527-3057/c
; Sequence 3057, Application US/11136527
                                                                                                                                                                                                                                                                                                                                                                              1237 GGTGGCGCTGTGGCGAA 1253
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                                                                                                                                                                                                                               Best Local Similarity 94.1
Matches 16, Conservative
; SEQ ID NO 13
; LENGTH: 1518
; TYPE: DNA
; ORGANISM: Pantoea citrea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 7
US-11-036-196-1951/c
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; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Woute, William W
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AMI01086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PATENTIN OF SECOND 30.2
; SEQ ID NO 3057
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APPLICANT: NAKAO, YOSHIHISA
APPLICANT: NAKAMURA, NORIHISA
APPLICANT: KODAMA, YUKIKO
APPLICANT: KODAMA, YUKIKO
APPLICANT: FUJIMURA, TOMOKO
APPLICANT: ASHIKARI, TOSHIHIKO
APPLICANT: ASHIKARI, TOSHIHIKO
APPLICANT: ASHIKARI, TOSHIHIKO
APPLICANT: ASHIKARI, TOSHIHIKO
APPLICANT: RETERENCE: 030685-043
CURRENT APPLICATION NUMBER: US/10/932,182A
CURRENT FILING DATE: 2004-09-02
NUMBER OF SEQ ID NOS: 19703-33
SOFTWARE: PATENTIN VERSION 3.3
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Publication No. US20060046253A1

GENERAL INFORMATION:
APPLICANT: NAKAO, VOSHIHIRO
APPLICANT: NAKAMURA, NORIHIRO
APPLICANT: NORIMURA, TOMOKO
APPLICANT: FUJIMURA, TOMOKO
APPLICANT: ASHIKARI, TOSHIHIKO
APPLICANT: ASHIKARI, TOSHIHIKO
TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
FILE REFERENCE: 030685-043
CURRENT APPLICATION UNDER: US/10/932,182A
CURRENT RILING DATE: 2004-09-02
NUMBER OF SEQ ID NOS: 197023
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 80342, Application US/10932182A; Publication No. US20060046253A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Saccharomyces pastorianus US-10-932-182A-80342
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Matches 16; Conservative
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US-10-932-182A-80342/c
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RESULT 13
US-11-096-568A-19074
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US-10-932-182A-77844
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LENGTH: 3405
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                                                                                                                                                                                                                                                                                                                                                                                Sequence 80341, Application US/10932182A;
Fublication No. US20060046253A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NAKAO, YOSHIHIRO
APPLICANT: RODAWA, YUKIKO
APPLICANT: FUJIWIRA, TORNIHISA
APPLICANT: FUJIWIRA, TOSHIHIKO
TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
FILE REFERENCE: 03068-043
CURRENT APPLICATION NUMBER: US/10/932,182A
CURRENT FILING DATE: 2004-09-02
NUMBER OF SEQ ID NOS: 197023
SOFTWARE: PatentIn version 3.3
SEQ ID NO 80341
LENGTH: 1455
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| Sequence 80341, Application US/10932182A
| Sequence 80341, Application No. US20060046253A1
| Publication No. US20060046253A1
| GENERAL INFORMATION:
| APPLICANT: NAKAMURA, NORIHISA
| APPLICANT: NAKAMURA, TOMOKO
| APPLICANT: FULIMURA, TOMOKO
| APPLICANT: ASHIKARI, TOSHIHIKO
| TILE REPRENCE: 030645-043
| FILE REPRENCE: 030645-043
| CURRENT FILING DATE: 2004-09-02
| NUMBER OF SEQ ID NOS: 197023
| SOFTWARE: Patentin version 3.3
| SEQ ID NO 80341
                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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77.9%; Score 14.8; DB 11; Length 1455;
Best Local Similarity 88.9%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0;
                                                                                                                                                          Length 828;
                                                                                                                                                                                                  Indels
                                                                                                                                                     Query Match 77.9%; Score 14.8; DB 11; Best Local Similarity 88.9%; Pred. No. 3.5e+02; Matches 16; Conservative 0; Mismatches 2;
                                                                                    ORGANISM: Saccharomyces pastorianus
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                                                                                                                                                                                                                                                                                    182 GGCGCCCTGTGAAGG 165
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SOFTWARE: PatentIn version 3.3 SEQ ID NO 80342
LENGTH: 828
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Sequence 19074, Application US/11096568A
Publication No. US20060048240A1
REBREAL INFORMATION:
APPLICANT: Alexandrov, Nickolai et al.
TITLE OF INVENTION: Therby
TITLE OF INVENTION: Therby
TITLE REFERENCE: 2750-1592Pusz
CURRENT APPLICATION NUMBER: US/11/096,568A
CURRENT PILING DATE: 2005-04-01
NUMBER OF SEQ ID NOS: 34471
LENGTH: 1614
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Publication No. US20060046253A1
GENERAL INFORMATION:
APPLICANT: NAKAO, YOSHIHIRO
APPLICANT: KODAMA, YUKIKO
APPLICANT: KODAMA, YUKIKO
APPLICANT: RUJIMURA, TOMOKO
APPLICANT: ASHIKARI, TOSHIHIRO
APPLICANT: ASHIKARI, TOSHIHIRO
TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
FILE REFERENCE: 030665-043
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
i LOCATION: (1)..(1614)
cother information: Ceres Seq. ID no. 12368767
US-11-096-5688-19074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/932,182A CURRENT FILING DATE: 2004-09-02 UNUMBER OF SEQ ID NOS: 197023 SOFTWARE: Patentin version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 15
US-10-932-182A-77844
; Sequence 77844, Application US/10932182A
; Publication No. US20060046253A1
; GENERAL INFORMATION:
; APPLICANT: NAKAO, YOSHIHIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Saccharomyces pastorianus
182 GGCGCCCCTGTGGTGAAGG 165
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ORGANISM: Zea mays subsp. mays
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## APPLICANT: NAKAMURA, NORTHISA
## APPLICANT: KODAMA, YUKIKO
## APPLICANT: KODAMA, YUKIKO
## APPLICANT: FULJURA, TOOKKU
## APPLICANT: FULJURA, TOSHIHIKO
## TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
## TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
## CURRENT APPLICATION WHERE: 2004-09-02
## CURRENT FILING DATE: 2004-09-02
## SEQ ID NO 77844
## SEQ ID NO 77844
## CONTAMARE: PATENTIN VERSION 3.3
## SEQ ID NO 77844
## ORGANISM: Saccharomyces pastorianus
## ORGANISM: Saccharomyces pastorianus
## US-10-932-182A-77844
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2878 GGTCTCGCTGTGGCGA 2893
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TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 15:
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US
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Sequence 2359, Ap
Sequence 341, Appl
Sequence 4, Appli
Sequence 7, Appli
Sequence 7, Appli
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Sequence 1100, Ap
Sequence 1, Appli
Sequence 2, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 16, Appli
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16, Appl
25, Appl
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Sequence 15, Appl
                                                            May 9, 2006, 05:14:10 ; Search time 44.0889 Seconds (without alignments) 645.083 Million cell updates/sec
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GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-09-052-262-15
US-09-902-540-2359
US-09-902-540-2359
US-09-902-540-2359
US-08-658-136-4
US-01-083-246A-1
US-09-052-46A-1
US-09-052-262-7
US-09-052-262-7
US-09-052-262-7
US-08-323-443B-1
US-08-558-136-2
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US-09-252-991A-2282
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                                                                                                                                                                                      1303057 seqs, 888780828 residues
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Maximum Match 100%
Listing first 45 summaries
                                         - nucleic search, using sw model
                                                                                                                                                    IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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Match Length DB
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Sequence 1216, Ap Sequence 1395, Ap Sequence 15903, A Sequence 8251, Ap		Sequence 297, App Sequence 301, App Sequence 6036, Ap Sequence 7031, Ap Sequence 7071, Ap Sequence 13675, Ap	Sequence 7887, Ap Sequence 240, App Sequence 4278, Ap Sequence 3847, Ap Sequence 1, Appli Sequence 2837, Ap
US-09-902-540-1216 US-09-489-039A-1395 US-09-252-991A-15903 US-09-902-540-8251	US-09-902-540-3456 US-08-840-683-2 US-08-555-722-2 US-09-384-301-2	US-09-303-518D-297 US-09-303-518D-301 US-09-902-540-8579 US-09-902-540-6036 US-09-202-991A-4360 US-09-222-991A-1360	US-09-252-991A-7887 US-09-002-540-240 US-09-252-991A-4278 US-09-902-540-3847 US-08-606-322-1 US-09-489-039A-2837
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ALIGNMENTS

US-09-052-469-15

Sequence 15, Application US/09052469

Sequence 15, Application US/09052469

Patent No. 6380360

TITLE OF INVENTION:

TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE.1 GENE

TITLE OF INVENTION: AND USES THEREOF

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.

STREET: One Financial Center

CITY: Boston STATE: MACOUNTRY: US
COMPUTER: NA
CONTRY: US
ZIP: 02111
COMPUTER: Floppy disk, 3.50 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordDerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,469
FILING DATE: CONCURTENTLY herewith
APPLICATION NUMBER: 08/422,582
FILING DATE: 14-April-1995
RIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9507766.5
FILING DATE: 13-APR-1995
RIUNG DATE: 14-JUN-1994
PRIOR APPLICATION NUMBER: GB 9711900.5
FILING DATE: 14-JUN-1994
RIUNG APPLICATION NUMBER: GB 971160.5
FILING DATE: 23-DEC-1994
RIUNG APPLICATION NUMBER: GB 97126470.3
FILING DATE: 24-DEC-1993
ATPONNEY/ASHT INFORMATION: NAME: Williams, Ph.D., Kathleen M. REGISTRATION NUMBER: 34,380
REPERNICE/DOCKET NUMBER: 3265/74165
TELECOMMUNICATION: (617) 345-9100 ö

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Query Match 100.0%; Score 16; DB 3; Length 30; Best Local Similarity 100.0%; Pred. No. 2.4e+02; Matches 16; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-052-262-15
; Sequence 15, Application US/09052262
; Patent No. 665681
; GENERAL INFORMATION:
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE 1 GENE
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE 1 GENE
; TITLE OF INVENTION: MID USES THEREOF
; VUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET ONE Financial Center
; CITY: Boston
                                                                                                       NAME/KEY: misc_feature

LOCATION: 1..30

1 OCHER INFORMATION: /function= "N2765 primer"

US-08-422-582-15
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COUNTER READBLE FORM:
MEDIUM TYPE: Floppy disk, 3.50 inch
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk, 3.50 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,262
FILING DATE: 04-April-1995
FILING DATE: 14-April-1995
PRICK APPLICATION DATA:
APPLICATION NUMBER: GB 9507766.5
FILING DATE: 14-April-95
PRICK APPLICATION DATA:
APPLICATION NUMBER: GB 9411900.5
FILING DATE: 14-JUN-1994
PRICK APPLICATION DATA:
APPLICATION NUMBER: GB PCT/GB94/02822
FILING DATE: 24-DEC-1994
PRICK APPLICATION DATA:
APPLICATION NUMBER: GB 926470.3
FILING DATE: 24-DEC-1993
ATTORNEY/AGENT INPORMATION:
FILING DATE: 24-DEC-1993
ATTORNEY/AGENT INPORMATION:
TELECHONE: (617) 345-910
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECHONE: (617) 345-910
TELECHONE: (617) 345-910
TELECHONE: GENTERISTICS:
INPORMATION FOR SEQ ID NO.
INFORMATION FOR SEQ ID NO.
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SEGUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
                 ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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Sequence 15, Application US/08422582

Patent No. 6485960

GENERAL INFORMATION:
APPLICANT: Harris et al.
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE 1 GENE
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 75 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: PAA

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk, 3.50 inch
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPAIDE
SOFTWARE: WordPerfect 6.1
CUMERNT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,582
FRIGN APPLICATION NUMBER: GB 9411900.5
FILING DATE: 14-NPN-1994
FRIGN APPLICATION NUMBER: GB 977/66.5
FRIGN APPLICATION NUMBER: GB PCT/GB94/02822
FRIGN APPLICATION NUMBER: GB 9507766.5
FILING DATE: 21-DEC-1994
FRICN APPLICATION NUMBER: GB 9507766.5
FILING DATE: 24-DEC-1993
ATTORNEY/AGENT INPORMATION:
APPLICATION NUMBER: 34,380
FILING DATE: 24-DEC-1993
ATTORNEY/AGENT INPORMATION:
AREERENCE/DOCKET NUMBER: 34,380
FELENCH/ALIAMS, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
FELENCH/ALIAMS, Ph.D., KATHLER, P.D.
FELENCH/ALIAMS, Ph.D., KATHLER, P.D.
FELENCH/ALIAMS, Ph.D., KATHLER, P.D.
FELENCH/ALIAMS, Ph.D., KATHLER, P.D.
FELENCH/ALIAMS, P.D.
FELENCH/ALIAMS, PH.D.
FELEN
                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature

LOCATION: 1..30

STHER INFORMATION: /function= "N2765 primer"
US-09-052-469-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 CGGCGGCGCATCGT 16
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
                                                                                                                                                           MOLECULE TYPE: CDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
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STATE:
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STRANDEDNESS:
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US-08-658-136-4/c
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                                                                                                                                                                                                                                                                                                         Sequence 2359, Application US/09902540

Sequence 2359, Application US/09902540

Sequence 2359, Application US/09902540

GENERAL INFORMATION:

APPLICANT: Goldman, Barry S.

APPLICANT: Hinkle, Gregory J.

APPLICANT: Miegand, Roger C.

TITLE OF INVERTION: Myxococcus xanthus Genome Sequences and Uses Thereof

FILE REFERENCE: 38-10(15849)B

CURRENT APPLICATION NUMBER: US/09/902,540

CURRENT FILING DATE: 2001-07-10

PRIOR FILING DATE: 2000-07-10

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 16825

SEQ ID NO 2359
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                                                                                               ch 100.0%; Score 16; DB 3; Length 30; 1 Similarity 100.0%; Pred. No. 2.4e+02; 16; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. 6783969el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
TITLE OF INVENTION: Polypeptides
CURRENT APPLICATION NUMBER: US/09/799,451
CURRENT FILING DATE: 2001-03-05
; NAME/KEY: misc_feature
; LOCATION: 1..30
OTHER INFORMATION: /function= "N2765 primer"
US-09-052-262-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 341, Application US/09799451
Patent No. 6783969
GENERAL INFORMATION:
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Xue, Aldong J.
Zhao, Oing A.
Wang, Jian-Rui
Ma, Yunging
Yamazaki, Victoria
Chen, Rui-hong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             257 céécédédédenter 272
                                                                                                                                                                            1 CGGCGGCGCCATCGT 16
                                                                                                                                                                                                  5 CGGCGGCGCATCGT 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Myxococcus xanthus US-09-902-540-2359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Wang, Dunrui
Yang, Yonghong
Wehrman, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
APPLICANT: Asundi, Vinod
APPLICANT: Ren, Felyan
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                                                                                                                   Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-799-451-341/c
                                                                                                                                                                                                                                                                       RESULT 4
US-09-902-540-2359
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APPLICANT:
APPLICANT:
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APPLICANT:
                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
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Matches
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                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 16; DB 3; Length 13941; Best Local Similarity 100.0%; Pred. No. 1.4e+02; Matches 16; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 16; DB 3; Length 14060; Best Local Similarity 100.0%; Pred. No. 1.4e+02; Matches 16; Conservative 0; Mismatches 0; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
APPLICANT: GIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFRERENCE/POCKET NUMBER: GEN4-
TELECOMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEPHONE: 508-872-8415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 4, Application US/08658136; Patent No. 6071717
SOFTWARE: pt_FL_genes Version 2.0 SEQ ID NO 341_LENGTH: 13941
                                                                                                                                                                                                                                                                                                                                                                                                       224 cedecedecedentes 209
                                                                                                                                                                                                                                                                                                                                                                1 CGGCGGCGGCATCGT 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 14060 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                     ; NAME/KEY: CDS
; LOCATION: (1547)..(13120)
US-09-799-451-341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: CDS
LOCATION: 135..13040
                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: CDNA
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NAME/KEY: misc_feature
COCATION: 359.4574
OTHER INPORMATION: Sites at the following positions: 359, 476, 557, 572,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 4574_8144
OTHER INFORMATION: //note= "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 4559, 4574, 4631, 4763,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: misc feature
LOCATION: 8363_11741
OTHER INFORMATION: //note= "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 8471, 8663, 8732, 8843,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc feature
LOCATION: 212.778
OTHER INFORMATION: /note= "Probable signal sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: misc feature
LOCATION: 7949..8009
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: misc feature
LOCATION: 9434..9494
COTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc feature
LOCATION: 10052..10112
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 10178..10238
OTHER INFORMATION: /note= "predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10886..10946
OTHER INFORMATION: /note= "predicted transmembrane
OTHER INFORMATION: domain"
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NAME/KEY: misc_feature
LOCATION: 10955.11015
O'THER INFORMATION: /note= "Predicted transmembrane
O'THER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: 8288.3348
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
REGISTRATION VUNDER: 34 380
REFERENCE/DOCKET NUMBER: 3265/74165
REFERENCE/DOCKET NUMBER: 3265/74165
FELECOMMUNICATION INFORMATION: TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 7: SEQUENCE CHARACTERISTICS:
LENGTH: 14148 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                      TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                   unknown
                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 212..13117
FEATURE:
                                                                                                                                                                                                                                                           STRANDEDNESS:
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NAME/KEY:
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                                                                                                                                                 US-10-083-246A-1/C
US-10-083-246A-1/C
US-10-083-246A-1/C
Sequence 1, Application US/10083246A
Patent No. 6916619
GENERAL INFORMATION:
APPLICANT: Athena Diagnostics
APPLICANT: Athena Diagnostics
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
TITLE OF INVENTION: DISEASE
FILE REFERENCE: 1133/2002
FILE REFERENCE: 1133/2002
CURRENT APPLICATION VMBER: US/10/083,246A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 168
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
SEQ ID NO 1
SEQ ID NO 1
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100.0%; Score 16; DB 3; Length 14136;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 0: Indela n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, 7, Application US/09052469

Fatent No. 6380360

GENERAL INFORMATION:

APPLICANT: Harris et al.

TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE 1 GENE

TITLE OF INVENTION: AND USES THEREOF

TITLE OF INVENTION: AND USES THEREOF

MUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.

STREET: One Financial Center

CITY: Boston

STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk, 3.50 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052.469
FILING DATE: Concurrently herewith
PRIOW APPLICATION DATA:
APPLICATION NUMBER: 08/422,582
FILING DATE: 14-April-1995
PRIOR APPLICATION NUMBER: GB 9507766.5
FILING DATE: 13-APR-1995
PRIOR APPLICATION NUMBER: GB 9411900.5
FILING DATE: 14-JUN-1994
PRIOR APPLICATION NUMBER: GB 9411900.5
FILING DATE: 14-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9411900.5
FILING DATE: 23-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB PCT/GB94/02822
FILING DATE: 24-DEC-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        224 CGGCGGCGCCATCGT 209
                                                   147 cescesecescarcer 132
1 CGGCGGCGCCATCGT 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SD
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US-09-052-469-7/c
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FILING DATE: 24-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., K.
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                                                                                                                                                     PRATURE:
NAME/KEX: misc_feature
LOCATION: 11894
OTHER INFORMATION: / note= "Predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 12297.12543
OTHER INFORMATION: / note= "Predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 12377.12437
OTHER INFORMATION: / note= "Predicted transmembrane
LOCATION: 12377.12437
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21277.12437
OTHER INFORMATION: / note= "Predicted transmembrane
FEATURE:
NAME/KEY: misc_feature
LOCATION: 212..278
OTHER INFORMATION: / note= "Possible hinge sequence"
FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: 212..278
OTHER INFORMATION: / note= "Possible hinge sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/08422582

Patent No. 6485960

GENERAL INFORMATION: ADDITIONS TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE 1 GENE

TITLE OF INVENTION: ADD USES THEREOF

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSE: Banner & Witcoff, Ltd.

STREET: 75 State Street

CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                    LOCATION: 11216..11276
OTHER INFORMATION: /note= "Predicted transmembrane OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: 279 -
; OTHER INFORMATION: /note= "Cleavage site"
US-09-052-469-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02.109
COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk, 3.50 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,582
FILING DATE: 14-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9411900.5
FILING DATE: 14-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 957766.5
FILING DATE: 23-DEC-1994
PRIOR DATE: 23-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9507766.5
FILING DATE: 3-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9507766.5
PRIOR APPLICATION DATA:
APPLICATION DAT
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Best Local Similarity 100.0
Matches 16; Conservative
misc_feature
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100.0%; Score 16; DB 3; Length 14148;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Application US/09052262

Patent No. 665661

GENERAL INFORMATION:

APPLICANT: Harris et al.

TITLE OF INVENTION: AND USES THEREOF

TITLE OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.

STREET: One Financial Center

CITY: Boston
                                                                                                                                   FEATURE:
NAME/KEY: misc feature
LOCATION: 11894...1193...
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc feature
LOCATION: 12293...12353
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc feature
LOCATION: 12293...12353
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc feature
LOCATION: 123377...12437
OTHER INFORMATION: domain"
FORTION: 12377...12437
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FEATURE:
| NAME/KEY: misc_feature
| LOCATION: 212...278
| OTHER INFORMATION: /note= "Possible hinge sequence"
| FEATURE:
| NAME/KEY: misc_feature
| LOCATION: 279
| OTHER INFORMATION: /note= "Cleavage site"
| US-08-422-582-7
                                            NAME/KEY: misc_feature
LOCATION: 11216.11276
OTHER INPORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: BOSCON
STATE: MA
COUNTY: US
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk, 3.50 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,262
FILING DATE: CONCURTENTLY herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/422,582
FILING DATE: 14-April-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9507766.5
FILING DATE: 13-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9507760.5
FILING DATE: 11-UNN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            224 CGGCGCCGCATCGT 209
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CGGCGGCGCCATCGT 16
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB PCT/GB94/02822

FRING DATE: 21-DEC-1994

PRIOR APPLICATION NUMBER: GB PCT/GB94/02822

FRING DATE: 21-DEC-1994

APPLICATION NUMBER: 32-DEC-1994

APPLICATION NUMBER: 33-S-JOIN

INCREMENTARY (617) 345-910

INCREMENTARY (617) 355-347-340

INCREMENTARY (617) 345-340

INCREMENTA
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3663 CGCCGGCCGCATCGT 3648

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OTHER INFORMATION: domain"

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TYPE: nucleic acid
STRANDEDNESS: singl
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US-08-658-136-2/c
                                 RESULT 12
US-08-323-443B-1
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Patent No. 6833447

GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Alater, Steven C.
APPLICANT: Missand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B

CURRENT APPLICATION: WWMBER: US/09/902,540

CURRENT FILING DATE: 2000-07-10

PRIOR FILING DATE: 2000-07-10

PRIOR FILING DATE: 2000-07-10

NUMBER OF SEQ ID NOS: 16825

SEQ ID NO 1100

LENGTH: 15447
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 15447;
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NAME/KEY: misc feature
LOCATION: 10955..11015
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc feature
LOCATION: 11216..11276
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: misc_feature
LOCATION: 12377..12437
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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NAME/KEY: misc_feature
LOCATION: 212.278
OTHER INFORMATION: /note= "Possible hinge sequence"
                                                                                                                                                                                                         FEATURE:
NAME/KEY: misc_feature
LOCATION: 11894..11954
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 12293..12353
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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100.0%; Score 16; DB 3; I
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: 279 -
; OTHER INFORMATION: /note= "Cleavage site"
US-09-052-262-7
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CRGANISM: Myxococcus xanthus
US-09-902-540-1100
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RESULT 12.1

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RESULT 13.1

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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4
TELECHONE: 508-872-8400
TELEPHONE: 508-872-5415
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3660 ceccececenter 3645
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MOLECULE TYPE: DNA (genomic)
US-08-658-136-1
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 53577 base pairs
TYPE: nucleic acid
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COUNTRY: USA
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Matches 16; Conserv
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GENERAL INFORMATION:

APPLICANT: KLINGER, KATHERINE W
APPLICANT: BURN, TIMOTHY C
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GENINO, GEGORY
APPLICANT: GENINO, G
                                                                                                                                                                                                                 STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGRAM
STATE: MASSAGHUSETTS
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 508-872-8400
TELEFAX: 508-872-8415
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3660 CGGCGGCGCCATCGT 3645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 CGGCGGCGGCATCGT 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 53526 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Floppy disk
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-658-136-1/c
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US-08-460-215A-1/C
; Sequence 1, Application US/08460215A
; Patent No. 6867288
; GENERAL INFORMATION:
APPLICANT: LANDES, GREGORY M
APPLICANT: LANDES, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINOS 42
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 16; DB 3; I
ilarity 100.0%; Pred. No. 1.2e+02;
Conservative 0; Mismatches 0;
GEN4-17.8
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Query Match 100.0%; Score 16; DB 3; Length 53577; Best Local Similarity 100.0%; Pred. No. 1.2e+02; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps

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Search completed: May 9, 2006, 05:56:08 Job time : 45.0889 secs

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Sequence:

Searched:

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Sequence 32278, A
Sequence 136862,
Sequence 218520, A
Sequence 31279, A
Sequence 31547, A
Sequence 31547, A
Sequence 31563, A
Sequence 13547, A
Sequence 13582, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              POLYCYSTIC KIDNEY DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 292667, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REPERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1
Sequence 1
Sequence 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 1

US-09-904-968A-20

i Sequence 20, Application US/09904968A

j Publication No. US20030008288A1

GENERAL INFORMATION:

APPLICANT: GERMINO, Gregory

APPLICANT: GERMINO, Gregory

APPLICANT: PHAKDERITCHAROEN, Bunyong

TITLE OF INVENTION: DECETION AND TREATMENT OF POLYCYSTIC KIDNI

FILE REFERENCE: JUL1680-2

CURRENT FILING DATE: 2001-07-13

PRIOR FILING DATE: 2001-07-13

SOFTWARE PLACED IN VOWBER: US 60/218,261

NUMBER OF SEQ ID NOS: 113

SOFTWARE: PatentIn version 3.0

TENDER PATENTING DATE: 2001-07-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 16; DB 3; Length 16; 100.0%; Pred. No. 1.5e+02; vative 0; Mismatches 0; Indels
            US-10-425-114-27555
US-10-369-493-32278
US-10-369-493-28520
US-10-369-493-28520
US-10-369-493-28520
US-10-44-495-2
US-10-48-495-3
US-10-156-761-3524
US-10-156-761-3524
US-10-425-114-43553
US-10-425-114-23975
US-10-425-114-23975
US-10-282-122A-14054
US-10-491-4054
US-10-491-405-1
US-10-491-495-1
US-10-491-495-1
US-10-431-1931
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: PCR primer 1R1
US-09-904-968A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CGGCGGCGCCATCGT 16
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Matches 16; Conservative
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US-10-027-632-292667/c
Query Match
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Sequence 292667,
Sequence 4510, Ap
Sequence 875, Appl
Sequence 81, Appl
Sequence 341, Appl
Sequence 1, Sepli
Sequence 1, Appl
Sequence 1, Appl
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Sequence 25, Appl
Sequence 33759, A
Sequence 36162, A
Sequence 34646, A
                                                                                                                             May 9, 2006, 05:26:49; Search time 387.378 Seconds (without alignments) 341.553 Million cell updates/sec
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/cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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                GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-10-027-632-292667
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US-10-027-632-292667
US-10-156-761-875
US-10-080-34-89
US-10-302-172-341
US-10-392-172-341
US-10-843-64Ah-244
US-10-843-64Ah-547
US-10-843-64Ah-5547
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US-10-719-900-515844
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US-10-437-963-36162
US-10-437-963-34646
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Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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RESULT 6
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Publication No. US20030204075A9

Publication No. US20030204075A9

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US 60/198,006

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-03-29

PRIOR PELING DATE: 2000-03-29

PRIOR PELING DATE: 2000-03-29

PRIOR PELING DATE: 2000-03-29

PRIOR PELING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR PELING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR PELING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR PELING DATE: 1999-08-08

PRIOR PELING DATE: 1999-08-08

PRIOR PELING DATE: 1999-08-08

PRIOR APPLICATION NUMBER: US 60/146,002

SOFTWARE FEALSE FEALSEQ FOR WINDOWS VERSION 4.0

SEQ ID NO 29267
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Matches 16; Conservative
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Matches 16; Conservative
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US-10-027-632-292667/c
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US-10-027-632-292667
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RESULT 4

US-10-767-701-4510

Sequence 4510, Application US/10767701

Sequence 4510, Application US/10767701

SUBJICATION NO. US20040172684A1

GENERAL INFORMATION:

APPLICANT: Kovalic, David K.

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement

FILE REFERENCE: 38-21 (533.5) B

CURRENT APPLICATION NUMBER: US/10/767,701

CURRENT FILING DATE: 2004-01-29

NUMBER OF SEQ ID NOS: 63128
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Clone ID: SORBI-28MAY03-CLUS81577_1

US-10-767-701-4510
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US-10-126 * 761-78

Publication No. US20030119018A1

GENERAL INFORMATION:

APPLICANT: OWURA, SATOSHI

APPLICANT: SHIRAM, UNN

APPLICANT: SHIRAM, UNN

APPLICANT: SHIRAM, TWAN

APPLICANT: SHIRAM, TWAN

APPLICANT: SHIRAM, TWAN

APPLICANT: SHIRAM, TWAN

APPLICANT: HATTORI MASAHIRA

APPLICANT: HATTORI MASAHIRA

TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES

FILE REFERENCE: 249-262

CURRENT APPLICATION NUMBER: US/10/156,761

CURRENT PILING DATE: 2002-05-29

PRIOR FILING DATE: 2001-05-30

PRIOR FILING DATE: 2001-05-30

PRIOR FILING DATE: 2001-06-30

FRIOR FILING DATE: 2001-06-30
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Best Local Similarity 100.0%; P
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Best Local Similarity 100.
Matches 16; Conservative
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; LOCATION: (1)..(4062)
US-10-156-761-875
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Sequence 341, Application US/10302172

Sequence 341, Application US/10302172

Publication No. US20040053250A1

GENERAL INFORMATION:

APPLICANT: Tang, Y. Tom

APPLICANT: Tang, Y. Tom

APPLICANT: Sue, Aidong J.

TITLE OF INVENTION: No. US20040053250A1e1 Arginine-rich Protein-like Nucleic Acids and TITLE OF INVENTION: Polypeptides

FILE REFERENCE: 803_ICNCP

CURRENT APPLICATION NUMBER: US/10/302,172

CURRENT APPLICATION NUMBER: US 10/225,251

PRIOR PILING DATE: 2002-03-05

PRIOR PILING DATE: 2002-03-05

PRIOR PILING DATE: 2002-03-05

PRIOR PILING DATE: 2001-03-05

PRIOR PILING DATE: 2001-03-05

PRIOR PILING DATE: 2001-03-05

NUMBER OF SEQ ID NOS: 950

SOFTWARE: PL_Genes Version 2.0

SEQ ID NO 341

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Sequence 244, Application US/09964824A

Patent No. US20020102531A1

GENERAL INFORMATION:
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signat:
TITLE OF INVENTION: Sets

TITLE OF INVENTION: Sets

TITLE OF INVENTION: Sets

FILE REFERENCE: 689290-73

CURRENT APPLICATION NUMBER: US/09/964,824A

CURRENT APPLICATION NUMBER: US/60/236,033

PRIOR FILING DATE: 2000-09-28

SOFTWARE: PATENTIN VERSION 3.0
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Matches 16; Conservative
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; LOCATION: (1547)..(13120)
US-10-302-172-341
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                                                                                                                                                                                                                                                                        US-10-302-172-341/c
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APPLICANT: Zerhusen, Bryan D
TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
TITLE OF INVENTION: Using the Same
FILE REFERENCE: 21402-275
CURRENT APPLICATION NUMBER: US/10/080,334
CURRENT FILING DATE: 2002-02-21
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PRIOR PILING DATE: 2001-02-21
PRIOR PELING DATE: 2001-02-21
PRIOR PELING DATE: 2001-09-17
PRIOR PELING DATE: 2001-09-17
PRIOR PELING DATE: 2001-09-13
PRIOR PELING DATE: 2001-08-13
PRIOR PELING DATE: 2001-0-18
PRIOR PELING DATE: 2001-0-18
PRIOR PELING DATE: 2001-0-18
PRIOR APPLICATION NUMBER: 60/276, 677
PRIOR APPLICATION NUMBER: 60/276, 677
PRIOR PELING DATE: 2001-03-16
PRIOR PELING DATE: 2001-03-17
PRIOR PELING DATE: 2001-03-18
PRIOR PELING DATE: 2001-03-18
PRIOR PELING DATE: 2001-03-18
PRIOR PELING DATE: 2001-03-18
PRIOR PELING DATE: 2001-03-17
PRIOR PELING DATE: 2001-03-23
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PRIOR APPLICATION NUMBER: 60/270,810
PRIOR FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PATENTIN VET. 2.1
Application US/10080334
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Liu, Xiaohong
Baumgartner, Jason C.
Gerlach, Valerie
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Tchernev, Velizar T
Patturajan, Meera
                                                                                                                    APPLICANT: Pena, Carol E. A. APPLICANT: Shimkets, Richard A
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Guo. Xincii
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Casman, Stacie J
Boldog, Ferenc L
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Best Local Similarity 100.
Matches 16; Conservative
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GENERAL INVORMATION:
APPLICANT: Avalon Pharmaceuticals, Inc.
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using
TITLE OF INVENTION: Signature Gene Sets
TITLE OF INVENTION NUMBER: US/09/813,641A
FRIOR APPLICATION NUMBER: US/09/954,531
FRIOR PILING DATE: 2001-09-25
FRIOR PILING DATE: 2001-09-25
FRIOR RELING DATE: 2001-09-25
FRIOR APPLICATION NUMBER: US/09/962,832
FRIOR APPLICATION NUMBER: US/09/964,824
FRIOR APPLICATION NUMBER: US/09/964,824
FRIOR APPLICATION NUMBER: US/09/964,007
FRIOR FILING DATE: 2001-09-27
FRIOR FILING DATE: 2001-10-02
FRIOR FILING DATE: 2001-10-02
FRIOR FILING DATE: 2001-10-02
FRIOR FILING DATE: 2001-10-02
FRIOR FILING DATE: 2001-10-03
FRIOR FILING DA
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ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-10-843-641A-5547
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Publication No. US20050100898A1

Publication No. US20050100898A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNITILE OF INVENTION: DISEASE
TITLE OF INVENTION: DISEASE
CURRENT APPLICATION NUMBER: US/10/411,915
CURRENT FILING DATE: 2003-04-11
FRIOR APPLICATION NUMBER: US 10/083,246
FRIOR FILING DATE: 2001-10-12
FRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 172
SOFTWARE: PATENTING VARIATION 13.1
SEQ ID NO: 172

SEQ ID NO: 172

SEQ ID NO: 172

SEQ ID NO: 172

SEQ ID NO: 172
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| Sequence 385, Application US/10956157
| Sequence 385, Application US/10956157
| Publication No. US20050118625A1
| Publication No. US20050118625A1
| GENERAL INFORMATION:
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| TITLE OF INVENTION: UUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
| TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
| FILE REFERENCE: 031896-043000 (AM 101081)
| CURRENT APPLICATION NUMBER: US/10/956,157
| CURRENT FILING DATE: 2004-10-04
| NUMBER OF SEQ ID NOS: 319805
| SOSTWARE: PATENTIN VERSION 3.2
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  Query Match 100.0%; Score 16; DB 9; Length 14136; Best Local Similarity 100.0%; Pred. No. 43; Matches 16; Conservative 0; Mismatches 0; Indels 0
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Pred. No.
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100.0%; Pre
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Best Local Similarity 100.
Marches 16; Conservative
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ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-10-956-157-385
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US-10-450-763-17056/c
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                                                                                                                                 Sequence 1, Application US/10083246A

Sequence 1, Application US/10083246A

Publication No. US/20030152936A1

GENERAL INFORMATION:

APPLICANT: Athena Diagnostics

TITLE OF INVENTION: CONFOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE

TITLE OF INVENTION: DISEASE

FILE REFERENCE: 1133/2002

CURRENT APPLICATION NUMBER: US/10/083,246A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 168

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1

LENGTH: 14136
CGGCGGGCGCCATCGT 16
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; NAME/KEY: misc_feature
; LOCATION: (4187715)
; CHER INFORMATION: a, t, c, g, other or unknown
US-10-156-761-1
Sequence 1, Application US/10156761

Publication No. US20030119018A1
GENERAL INFORMATION:
APPLICANT: OMURA, SATOSHI
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: SHIKAWA, HROSHI
APPLICANT: SHIKAWA, HROSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: NAMBER: US/10/156,761
CURRENT APPLICATION NUMBER: UP 2001-204089
PRIOR PILING DATE: 2001-05-30
PRIOR PILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-06-30
PRIOR FILING DATE: 2001-08-02
NUMBER OF SQ ID NOS: 15109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Streptomyces avermitilis
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OTHER INFORMATION: 99$ homologous to Homo sapiens Polycystic kidney disease 1
OTHER INFORMATION: (PKDI) polypeptide, accession number W00870, Smith-Waterman Score=OTHER INFORMATION: 16983.
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Publication No. US2003000828BA1

GENERAL INROWATION:

APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

APPLICANT: WATNICK, Terry

APPLICANT: PHAKDESKITCHAROEN, Bunyong

TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE

FILE REFERENCE: JHU1680-2

CURRENT APPLICATION NUMBER: US/09/904,968A

CURRENT APPLICATION NUMBER: US 60/283,691

PRIOR APPLICATION NUMBER: US 60/283,691

PRIOR FILING DATE: 20001-07-13

PRIOR FILING DATE: 2000-07-13

PRIOR FILING DATE: 2000-07-13

NUMBER OF SEQ ID NOS: 113

SOFTWARE: PATENTIN VERSION 3.0

SEQ ID NO 1

LENGTH: 53522
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Best Local Similarity 100.0%; Pred. No. 43;
Matches 16; Conservative 0; Mismatches 0: اتاماء م
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                                                               APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES;
FILE REPERENCE: 790C1P3/US;
CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: 09/540,217
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 60736
SOFTWARE: CUSTOM
SEQ ID NO 17056
LENGTH: 14169
  Sequence 17056, Application US/10450763
Publication No. US20050196754A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
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LOCATION: (212)..(
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US-09-904-968A-1/c
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RESULT 15 US-10-156-761-1

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100.0%; Score 16; DB 6; Length 9025608; 100.0%; Pred. No. 13;
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                                    0; Indels
                                  0; Mismatches
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                                                                     1 CGGCGGCGCCATCGT 16
              Best Local Similarity 100.
Matches 16; Conservative
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9, 2006, 06:18:41 Search completed: May Sob time : 398.378 secs

Sequence 3439, Ap Sequence 4631, Ap

Sequence 36, Appl Sequence 16, Appl Sequence 1990, Ap Sequence 172, App Sequence 172, App Sequence 101, App Sequence 101, App Sequence 1090, Ap Sequence 169492, Sequence 16969, Sequence 16969, Sequence 160599, Sequence 160599, Sequence 160599, Sequence 16550, Sequence 16551, Sequence 16551,

Sequence 1068533, Sequence 1068534, Sequence 1068535, Sequence 21, Appl

Sequence 1149706, Sequence 710, Sequence 53629 sequence 21, Sequence 13,

Tue May

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Sequence 5/0506, Application US/10301480

Sequence 5/0506, Application US/10301480

Fublication No. US20060057564A1

GENERAL INFORMATION:
TITLE OF INVENTION: in the Human Genome
FILE REFERENCE: 108827.137

CURRENT APPLICATION NUMBER: US/10/301,480

CURRENT APPLICATION NUMBER: US/215,598

PRIOR FILING DATE: 2002-08-09

PRIOR APPLICATION NUMBER: US 60/311,695

PRIOR FILING DATE: 2001-08-10

NUMBER OF SEQ ID NOS: 1226818

SOFTWARE: FalstSEQ for Windows Version 4.0

LENGTH: 977
10 US-10-467-657-4439
10 US-10-467-657-4631
18 US-11-222-440-36
10 US-10-412-483-48
11 US-11-223-483-48
12 US-10-613-483-48
13 US-10-613-483-48
18 US-11-079-463-470-71
18 US-11-144-947-172
18 US-11-144-947-172
19 US-10-910-9125-1990
10 US-10-9125-1990
10 US-10-9125-1990
11 US-10-925-065A-4805-99
12 US-10-925-065A-4805-99
13 US-10-925-065A-805-99
14 US-10-925-065A-3865-51
15 US-10-301-480-45-126
15 US-10-301-480-45-126
17 US-09-925-065A-3865-51
18 US-10-301-480-45-126
19 US-10-301-480-10685-35
11 US-10-301-480-10685-35
12 US-10-301-480-10685-35
11 US-11-181-587-71
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US-10-301-480-1183915/c
; Sequence 1183915, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
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; ORGANISM: Homo sapien
US-10-301-480-570506
  US-10-301-480-570506/c
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Sequence 1, Appli
Sequence 2, Appli
Sequence 2755, Ap
Sequence 2755, Ap
Sequence 2873, Ap
Sequence 2873, Ap
Sequence 2873, Ap
Sequence 63870, Ap
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Sequence 1183915,
Sequence 10796, A
                                                                                                                                                   May 9, 2006, 05:37:24; Search time 361.956 Seconds (without alignments) 180.024 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Published Applications NA New:*

| SIDSS/ptodata/1/pubpna/US06_NEW PUB.seq1:*
| SIDSS/ptodata/1/pubpna/US10_NEW PUB.seq2:*
| SIDSS/ptodata/1/pubpna/US11_NEW PUB.seq4:*
                     GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-301-480-570506
US-10-301-480-1183915
US-11-096-568A-10796
US-10-496-351-1
US-10-496-351-1
US-10-496-351-2
US-10-496-351-3
US-10-467-657-3407
US-10-467-657-3755
US-10-467-657-2873
US-10-467-657-2873
US-10-467-657-2873
US-10-467-657-2873
US-10-467-657-2873
US-10-467-657-2873
US-10-467-657-2873
US-10-750-185-6370
US-10-750-623-63870
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                  9306428 segs, 2036268586 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                     OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                              IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Match Length
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Gaps

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Result

Length 977; Indels N

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Sequence 1, Application US/10496351
Publication No. US20060084141A1
GENERAL INFORMATION:
APPLICANT: Floss, Heinz
APPLICANT: Floss, Heinz
APPLICANT: Floss, Heinz
APPLICANT: Leistner, Eckard
TITLE OF INVENTION: Blosynthetic Gene Cluster for the Maytansinoid Antitumor Agent
TITLE OF INVENTION: Ansamitocin
FILE REFERENCE: UWASH-06712
CURRENT APPLICATION NUMBER: US/10/496,351
CURRENT FILING DATE: 2004-05-19
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 6
US-10-496-351-56
Sequence 56, Application US/10496351
Sequence 56, Application No. USZ0060084141A1
GENERAL INFORMATION:
APPLICANT: Floss, Heinz
APPLICANT: Yu, Tin-Wein
APPLICANT: Leistner, Eckard
TITLE OF INVENTION: Biosynthetic Gene Cluster for the Maytansinoid Antitumor Agent
TITLE OF INVENTION:
FILE REFERENCE: UWASH-06712
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    ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMINO ACID
; FITLE REPERENCE: 14184-030001
; CURRENT APPLICATION NUMBER: US/10/858,730
; CURRENT FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: US 60/475,000
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: US 60/551,860
; PRIOR APPLICATION NUMBER: US 60/551,860
; PRIOR APPLICATION NUMBER: US 60/551,860
; RIGH APPLICATION NUMBER: US 60/551,860
; NUMBER OF SEQ ID NOS: 364
; SOFTWARE: PASESQ for Windows Version 4.0
; SEQ ID NOS: 364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 13; Length 14055; 22;
                                                                                                                                                                                                                                                                                                                                                                                                                      Score 15; DB 10; Length 1737; Pred. No. 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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CURRENT FILING DATE: 2004-05-19
NUMBER OF SEQ ID NOS: 57
SOFTWARE: Patentin version 3.0
SEQ ID NO 56
LENGTH: 82746
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             93.8%; Score 15;
100.0%; Pred. No.
tive 0; Mismatc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA; ORGANISM: Actinosymnema pretiosum US-10-496-351-1
                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Streptomyces coelicolor
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Matches 15; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
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US-10-496-351-1/c
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US-11-096-568A-10796

Sequence 10796, Application US/11096568A

Publication No. US20060048240A1

GENERAL INFORMATION:

TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides

TITLE OF INVENTION: Therby

TITLE OF INVENTION: 2750-1592PUS2

CURRENT APPLICATION NUMBER: US/11/096,568A

CURRENT PILING DATE: 2005-04-01

NUMBER OF SEQ ID NOS: 34471

SEQ ID NO 10796
APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
TITLE OF INVENTION: in the Human Genome
FILE REPERENCE: 108827.137
CURRENT APPLICATION NUMBER: US/10/301,480
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US 60/311,695
PRIOR FILING DATE: 2002-08-09
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 1226818
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 977
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
100.0%; Score 16; DB 12; Length 977;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 0; Indels
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i LOCATION: (1)..(1424)
i OTHER INFORMATION: Ceres Seq. ID no. 13597194
US-11-096-568A-10796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 174, Application US/10858730 Publication No. US20050255568A1 GENERAL INFORMATION:
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Walbridge, Michael J.
Yorgey, Peter S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     339 ceececececarcer 324
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                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapien
US-10-301-480-1183915
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US-10-858-730-174/c
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APPLICANT:
APPLICANT:
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Length 687;
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                            Length 669;
                                                                                                                                                                                                                                                                                                                                      APPLICANT: CHIRON SpA
APPLICANT: CHIRON SpA
APPLICANT: CONTANA Maria Rita
APPLICANT: PIZZA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REFERENCE:
CURRENT APPLICATION NUMBER: 12003-08-11
PRIOR FILING DATE: 2003-08-11
PRIOR PILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: Seqwing9, version 1.04
SEQ ID NO 5755
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CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR APPLICATION NUMBER: GB-0103424.8
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
SEQ ID NO 4281
LENGTH: 783
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                            DB 10;
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                                                                       0; Mismatches
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Best Local Similarity 93.8%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches
                          90.0%; Score 14.4; I 93.8%; Pred. No. 99;
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APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: PIZZA Mariagizzia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
                                                                                                                                                                                                                                                                         ; Sequence 5755, Application US/10467657; Publication No. US20050260581A1; GENERAL INFORMATION:
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-5755
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ORGANISM: Neissería gonorrhoeae
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                                                                                                                    1 CGGCGGCGGCATCGT 16
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                                               Best Local Similarity 93.8
Matches 15; Conservative
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US-10-467-657-5755/c
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US-10-467-657-4281
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                                                                                       Query Match 93.8%; Score 15; DB 13; Length 82746; Best Local Similarity 100.0%; Pred. No. 15; Matches 15; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/10432483
Publication No. US20050260699A1
GENERAL INFORMATION:
APPLICANT: Gesen, Holly
APPLICANT: Gesen, Holly
APPLICANT: Gokarn, Ravi R.
TITLE OF INVENTION: CAROTENOD BIOSYNTHESIS
FILE REFERENCE: 12799-002081
CURRENT APPLICATION NUMBER: US/10/432,483
CURRENT FILING DATE: 2003-11-10
PRIOR PILING DATE: 2001-11-21
PRIOR FILING DATE: 2000-11-22
PRIOR FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 49
NUMBER OF SEQ ID NOS: 49
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CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: GB-0103424.8
BYIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 9218
SOFTWARE: SeqWin99, version 1.04
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Publication No. US20050260581A1
GENERAL INFORMATION:
APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: PISTA Mariagrazia
APPLICANT: MASIGNANI Vega
APPLICANT: MONACI Elisabetta
                  ORGANISM: Actinosynnema pretiosum US-10-496-351-56
                                                                                                                                                                                                                            23319 CGGCGGCGCCATCG 23333
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                                                                                                                                                                               1 CGGCGGCGGCATCG 15
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; LOCATION: (1)...(345)
US-10-432-483-2
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LENGTH: 669
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LENGTH: 348
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TYPE: DNA
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APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
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                                                                                                       ; Sequence 2873, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
APPLICANT: FONTANA Maria Rita
; APPLICANT: MONACI Elisabetta
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; SURRENT FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTHARE: SEQUIN-03.9218
; SOFTHARE: SEQUIN-09. version 1.04
; SEQ ID NO 2873
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Publication No. US20050260581A1
GENERAL INFORMATION:
APPLICANT: CHIRON SpA
APPLICANT: FONTANA Maria Rita
APPLICANT: POZZA Mariagrazia
APPLICANT: MASIGANI Vega
APPLICANT: MOSIGCI Elisabetta
TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
FILE REPERENCE:
CURRENT APPLICATION NUMBER: US/10/467,657
CURRENT FILING DATE: 2003-08-11
PRIOR FILING DATE: 2001-02-12
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Best Local Similarity 93.8%; Pred. No. 94;
Matches 15; Conservative 0; Mismatches 1;
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; Sequence 63870, Application US/10750185
; Publication No. US20050260603A1
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-2873
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; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-2875
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SOFTWARES SEGWIN99, version 1.04
SEQ ID NO 2875
LENGTH: 882
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566 CGGCGGACGCCATCGT 581
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APPLICANT: DMI GENOMICS, INC.
APPLICANT: MI GENOMICS, INC.
APPLICANT: RERR, Richard
APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
FILE REPERENCE: MM11100-1
CURRENT APPLICATION NUMBER: US/10/750,623
CURRENT FILING DATE: 2003-12-31
FRIOR FILING DATE: 2002-12-31
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APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: RERR, Richard
APPLICANT: RERR, Richard
APPLICANT: HOLM, Tom
APPLICANT: APPLICANT: PANTIN, Dennis
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
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Best Local Similarity 93.8%; Pred. No. 90;
Matches 15; Conservative 0; Mismatches
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Best Local Similarity 93.8%; Pred. No. 90;
Matches 15; Conservative 0; Mismatches
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; Publication No. US20050287531A1
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                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Bovine 19866881191767
US-10-750-185-63870
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US-10-750-623-63870
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                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 64922
SOFTWARE: Patentin version 3.1
SEQ ID NO 63870
LENOTH: 991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CGGCGGCGGCATCGT 16
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SOFTWARE: Patentin version 3.1
SEQ ID NO 63870
LENGTH: 991
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## APPLICANT: PIZZA Mariagrazia

APPLICANT: WASIGNAL Vegat

## APPLICANT: WASIGNAL VEGAT

## APPLICANT: WONACI Elisabetta

## TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS

FILE REFERENCE: 2003-08-11

** CURRENT PILING DATE: 2001-02-12

** CURRENT FILING DATE: 2001-02-12

** NUMBER OF SEQ ID NOS: 9218

** SOFTWARE: SeqWin99, version 1.04

** SEQ ID NO 3439

** ITYPE: DNA

** ORGANISM: Neisseria gonorrhoeae

US-10-467-657-3439

Query Match

** QUERY Match

** CONSERVATIVE O; Mismatches 1; Indels 0; Gaps

Oy 1 CGGCGCGCGCATCGT 16

** ON Mismatches 1; Indels 0; Gaps

Oy 656 CGGCGCGCATCGT 67

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCGCGCATCGT 67

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCGCGCATCGT 67

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCGCGCATCGT 67

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCGCCATCGT 67

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCCGCATCGT 67

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCGCATCGT 671

** ON Mismatches 1; Indels 0; Gaps

Oy 1 CGCCGCCCGCATCGT 671

** ON Mismatches 1; Indels 0; Mismatches 1; Indels 0; Mismatches 1; Indels 0; Mismatches 1; Mismatches 1; Mismatches 1; Indels 0; Mismatches 1; Mi
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\$ 200 mg

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GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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OM nucleic - nucleic search, using sw model

May Run on:

9, 2006, 16:50:29 ; Search time 0.001 Seconds (without alignments) 2.912 Million cell updates/sec

US-09-904-968A-4-COPY 26

Perfect score:

1 ccacctcatcgccccttcctaagcat 26 Sequence:

IDENTITY NUC Gapoxt 0.5 Scoring table:

5 segs, 56 residues

Searched:

Total number of hits satisfying chosen parameters:

10

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 5 summaries

estdb4:\* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

рв гр	BQ595631 BQ111753 AJ734312 CA795700 AJS91555
В	пппппп
Query Match Length	26.9 26.9 26.9 26.9
esult No. Score	11.4 7.8 7
ult No.	H G E 4 G
Result No.	υυ

## ALIGNMENTS

RESULT 1	•
BQ595631	
rocns	BQ595631 15 bp mRNA linear EST 06-DEC-2002
DEFINITION	E012693-024-022-B04-SP6 MPIZ-ADIS-024-developing root Beta vulgaris
	CDNA clone 024-022-804 5-PRIME, mRNA sequence.
ACCESSION	BQ595631
VERSION	BQ595631.1 GI:26125214
KEYWORDS	BST.
SOURCE	Beta vulgaris
ORGANISM	Beta vulgaris
	Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
	Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;
	Caryophyllales; Amaranthaceae; Beta.
REFERENCE	1 (bases 1 to 15)
AUTHORS	Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
	Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
	and Radelof, U.
TITLE	Construction of a 'unigene' cDNA clone set by oligonucleotide
	fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL	Plant J. 32 (5), 845-857 (2002)
PUBMED	12472698
COMMENT	Contact: Weisshaar B
	ADIS DNA core facility at MPIZ

/mol\_type="mRNA" /culcivar="Kennebec or Binjte" /db\_xref="taxon:4113" /clone="STMCC84" 1. .11 /organism="Solanum tuberosum"

Location/Qualifiers

source

FEATURES

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/note="Vector: pCWVSPORT6; Site 1: Sall; Site 2: NotI;
/note="Vector: pCWVSPORT6; Site 1: Sall; Site 2: NotI;
/schwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@wws.de; cloning sites Sall-NotI; primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BQ111753 11 bp mRNA linear EST 07-MAR-2003
EST597329 mixed potato tissues Solanum tuberosum cDNA clone STMCC84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Not1-T7; Note: Sequencing granted in the context of the GAB1-Beet project, local P1: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GAB1-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Solanum tuberosum (potato)
Solanum tuberosum (potato)
Solanum tuberosum
Bukaryota; Viridiplantes; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;
asterids; lamiids; Solanales; Solanaceae; Solanum.
1 (Bases I to 11)
Buell, C.R., Hart, A., Baker, B., Tankaley, S., Fry, W., Smart, C.,
Restrepo, S., Griffiths, H., van der Hoeven, R., Tsai, J. and
Karamycheva, S.A.
Generation of a set of potato cDNA clones for microarray analyses
Unpublished (2002)
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The Institute for Genomic Research
9712 Medical Center Dr. Rockville, MD 20850, USA
Banail: potato-array@tigr.org
This clone can be obtained from the University of Arizona Genomics
Institute. Orders can be made through URL:
Seq primer: T3
                                                                                                                                                                                                                                                                                   /mol_type="mRNA" /mol_type="mRNA" /cultivar="KW82320 (double haploid, monogerm breeding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Max-Planck-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492215062851
Email: welsshaa@mpiz-koeln.mpg.de
Insert Length: 15 Std Brror: 0.00
Plate: 22 row: B column: 04
Seq primer: SP6; CATACGATTAGGTGACACTATAG.
Location/Qualifiers
                                                                                                                                                                                                                                                            /organism="Beta vulgaris"
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BQ111753
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Best Local Similarity 92.3
Matches 12; Conservative
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                                                                                                                                                                     ö
                        /clone lib=mixed potato tissues"
/clone lib=mixed potato tissues"
/note="Vector: pBluescript SK(-); Site_1: EcoRI; Site_2:
XhoI; supplier: Combination of untreated and Phytophthora
infestans treated libraries of stolons, leaves, leaflets,
axillary buds of stem explants, petioles, germinating
eyes, tubers, or roots."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GSF - Forschungszentrum, Institut fuer Molekulare Strahlenbiologie
Ingolstaedter Landstr. 1, D-85764 Neuherberg, GERMANY.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicotyledons,
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                                                                                                                                     Score 7.8; DB 1; Length 11;
Pred. No. 1.5;
0; Mismatches 2; Indels
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0
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/clone="7b9F7"
/cell type="bursal lymphocyte"
/dev_grage="2" a weeks old"
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/note="CB inbred strain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26.9%; Score 7; DB 1; 100.0%; Pred. No. 2.3;
'tissue_type="mixed tissues"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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                                                                                                                                                                                                                                                                                                                                     AJ734312.1 GI:53899699
EST.
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Theobroma cacao (cacao)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gene function analysis
                                                                                                                                        30.08;
                                                                                                                                                     Best Local Similarity 81.8%;
Matches 9; Conservative
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Matches 7; Conservative
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AJ734312/c
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Direct Submission
Submitted (23-OCT-2003) Balzergue S., UWRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lephine, L., Caboche, M. and Lecharny, A.

T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                   Jones, P.G., Allaway, D., Gilmour, D.M., Harris, C., Rankin, D., Retzel, E.R. and Jones, C.A. Gene discovery and microarray analysis of cacao (Theobroma cacao
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Vector: pBK-CMV; Bean and leaf tissue from an Amelonado type Cacao tree."
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/lab_host="XL-1 Blue MRF'"
/clone_lib="Cac_BL (Bean and Leaf from Amelonardo
rosids; eurosids II; Malvales; Malvaceae; Byttnerioideae;
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GSS; left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                          Masterfoods
3d Dundes Road, Slough, Berkshire, UK,
Tel: +441664 41664eu.
Email: Paul.Jones@eu.effem.com
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /tissue_type="Mature leaf and
/cell_type="Whole organ"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26.9%; Score 7; DB 1;
100.0%; Pred. No. 2.3;
iive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Theobroma cacao"
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/strain="Amelonado type"
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                                                                                                                                                                                                                                                                                                                                                                                              Email: Paul.Jones@eu.effem.com
Seg primer: T3.
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Contact: Jones, Paul
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http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr).

FEATURES

Location/Qualifiers

1. .10

Anol type="genomic DNA"

And type="genomic DNA"

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Accotype="Wassilewskija"

Anote="The DNA flanking sequence"

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Best Local Similarity 100.0%; Pred. No. 2.3;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

A CCACCTC 7

Bb 4 CCACCTC 10
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Search completed: May 9, 2006, 16:50:29 Job time: 0.001 secs

GenCore version 5.1.8 Copyright (c) 1993 - 2006 Biocceleration Ltd.

OM nucleic - nucleic search, using sw model

May 9, 2006, 16:58:22; Search time 0.001 Seconds (without alignments) 163.436 Million cell updates/sec Run on:

US-09-904-968A-4-COPY 26 1 ccacctcatcgcccttcctaagcat 26 Title: Perfect score:

Sequence:

Scoring table:

IDENTITY NUC Gapop 10.0 , Gapext 0.5

283 segs, 3143 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

999 Total number of hits satisfying chosen parameters:

Gentant EMBC Post-processing: Minimum Match 10% Maximum Match 100% Listing first 284 summaries

Database :

gedb4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	ACCESSION: AX440500	ACCESSION: AR492979	ACCESSION: CQ615502	ACCESSION: C0622815	ACCESSION: AR456565	ACCESSION: AR463878	ACCESSION: AX217105	ACCESSION: CS005007	ACCESSION: CS005022	ACCESSION: CS005061	ACCESSION: CS005071	ACCESSION: CS005079	ACCESSION: 161479	ACCESSION: 161572	ACCESSION: 161599	ACCESSION: 161604	ACCESSION: 161608	ACCESSION: AX635896	ACCESSION: AX635911	ACCESSION: AX635950	ACCESSION: AX635960	ACCESSION: AX635968	ACCESSION: A89148	ACCESSION: BD066661	ACCESSION: AR637821	ACCESSION: AX627110	ACCESSION: AX627937	ACCESSION: AX629196	ACCESSION: A89149	ACCESSION: BD066662	ACCESSION: BD091501	ACCESSION: I04667	ACCESSION: AR016487
SUMMARIES	AX440500	AR492979	CQ615502	CQ622815	AR456565	AR463878	AX217105	CS005007	CS005022	CS005061	CS005071	CS005079	161479	161572	161599	I61604	161608	AX635896	AX635911	AX635950	AX635960	AX635968	A89148	BD066661	AR637821	AX627110	AX627937	AX629196	A89149	BD066662	BD091501	I04667	AR016487
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C         34         9         34.6         10         1 AR078332           C         35         9         34.6         10         1 AR173022           36         9         34.6         10         1 BD105058           41         9         34.6         11         1 AK271301           42         9         34.6         11         1 AK271301           44         9         34.6         11         1 AK273131           45         9         34.6         11         1 AK233401           44         9         34.6         11         1 AK233401           48         8.8         33.8         12         1 AK23353           48         8.8         33.8         12         1 AK23353           55         8.8         33.8         12         1 AK23353           55         8.8         33.8         12         1 AK73100           55         8.8         33.8         12         1 AK73100           55         8.8         33.8         12         1 AK73100           55         8.8         33.8         12         1 AK741000           56         8.8         33.8	10N: AR071 10N: BD107 10N: BD107 10N: CQ83 10N: CQ83 10N: AX62 10N: AX62 10N: AX62 10N: AX62 10N: AX62	CCESSION: AX63235 CCESSION: AX63235 CCESSION: AX1544 CCESSION: AX03408 CCESSION: BA27071 CCESSION: AX22430 CCESSION: AX711077 CCESSION: AX711077 CCESSION: AX711077	CCESSION: BD00163 CCESSION: AR04310 CCESSION: AR04316 CCESSION: BD2386 CCESSION: BD23947 CCESSION: BD23973 CCESSION: BD23973 CCESSION: BD23973 CCESSION: CS256 CCESSION: CS27859	CESSION: AX1524 CESSION: AX1528 CESSION: AX1529 CESSION: AX1529 CESSION: AX15315 CESSION: AX1629 CESSION: CQ8325 CESSION: CQ8325	ACCESSION: CQ836706 ACCESSION: CQ836926 ACCESSION: CQ836982 ACCESSION: CQ836982 ACCESSION: CQ837993 ACCESSION: CQ837993 ACCESSION: CQ837993 ACCESSION: AX470453 ACCESSION: AX470463 ACCESSION: AX470678 ACCESSION: AX470678 ACCESSION: AX470678 ACCESSION: AX470678 ACCESSION: AX471686 ACCESSION: AX471686 ACCESSION: AX471686	CCESSION: AX62541 CCESSION: AX62628 CCESSION: AX62787 CCESSION: AX62787 CCESSION: AX62836 CCESSION: AX62836 CCESSION: AX62856 CCESSION: AX62857 CCESSION: AX6287 CCESSION: AX62957 CCESSION: AX62957 CCESSION: AX63012
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AR492979.1 GI:47264283
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Matches 14; Conservative
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ACCESSION: AX033052
ACCESSION: AX152405
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ACCESSION: AX153579
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Pred. No. 0.042;
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1 (bases 1 to 18)
Roder, M., Plaschke, J. and Ganal, M.
Roder, M., Plaschke, J. and Ganal, M.
Microsatellite markers for plants of the species Triticum aestivum and Tribe triticeae and the use of said markers
Patent: US 6720137-A 11 13-APR-2004;
Institut fur Pflanzengenetik und Kulturpflanzenforschung;
Gateraleben;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Wyosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 242 06-DEC-2001;
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87.5%; Pred. No. 16;
iive 0; Mismatches 2;
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Sequence 7555 from Patent WO0192524.
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Sequence 242 from Patent WO0192524.
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/organism="unknown"
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/mol_type="genomic DNA"
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Partent: US 668188-A 7555 03-FEB-2004;
Amersham PLC; Buckinghamshire;
GBX;
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle

Patent: US 668188-A 242 03-FEB-2004;

Amersham PLC; Buckinghamshire;
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO USS 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 242 from patent US 6686188.
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46.9%; Score 12.2; D:
Best Local Similarity 82.4%; Pred. No. 20;
Matches 14; Conservative 0; Mismatches
                                                                                               /organism="Homo sapiens"
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1 Similarity 82.4%; Pred. No. 20;
14; Conservative 0; Mismatcher
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/organism="unknown"
/mol_type="genomic DNA"
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AR463878/c
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2547 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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41.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 34;
Matches 12; Conservative 0; Mismatches 2;
DB 1;
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Pred. No. 20;
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|noFe="Nucleic Acid"
                                                                                                                                                                                                                                         RNA
                                                                                                                                                                                                                                                                                                                                              synthetic construct
synthetic construct
other sequences; artificial sequences.
; Score 12.2; DB; Pred. No. 20; 0; Mismatches
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Seguence 2547 from Patent W00159103.
AX217105
AX217105.1 GI:15527166
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CS005007
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46.9%; Score 12.2; D
Best Local Similarity 82.4%; Pred. No. 20;
Matches 14; Conservative 0; Mismatches

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1 Similarity 82.4%;
14; Conservative (
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

RESULT 9 CS005022

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LOCUS

ORGANISM

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TITLE

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PAT 07-FEB-2005
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Method for purifying chemically modified RNA
Patent: EP 1502950-A 3107 02-FBB-2005;
Ribozyme Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Best Local Similarity 85.7%; Pred. No. 34;
Matches 12; Conservative 0; Mismatches 2;
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                                         Sequence 3099 from Patent EP1502950.
CS005071
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Sequence 3107 from Patent EP1502950.
CS005079
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41.5%; Score 10.8; Dest Local Similarity 85.7%; Pred. No. 34; Matches 12; Conservative 0; Mismatches
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Sequence 33 from patent US 5658780.
161479
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41.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 34;
Matches 12; Conservative 0; Mismatches 2; Indels
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Method for purifying chemically modified RNA
Patent: EP 1502950-A 3050 02-FEB-2005;
Ribozyme Pharmaceuticals, Inc. (US)
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Method for purifying chemically modified RNA
Parent: BP 1502950-A 3089 02-FEB-2005;
Ribozyme Pharmaceuticals, Inc. (US)
Location/Qualifiers
                                                                                                                                    CS005022
Sequence 3050 from Patent EP1502950.
CS005022
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CS005061

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3 1 (bases 1 to 15)
5 Stinncomb,D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
AL Patent: US 5658780-A 153 19-AUG-1997;
Location/Qualifiers
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Stinchcomb, D.T., Draper, K.G. and McSwiggen, J. Rel a targeted ribozymes
Patent: US 5658780-A 126 19-AUG-1997;
Location/Qualifiers
                                             Unclassified.

1 (bases 1 to 15)
Stinchomb,D.T., Draper,K.G. and McSwiggen,J.
Stinchomb,D.T., Draper,A.G. and Swiggen,J.
Stinchomb,D.T., Draper,A.G. and McSwiggen,J.
Patent: US 5658780-A 33 19-AUG-1997;
Location/Qualifiers
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Sequence 153 from patent US 5658780.
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161599.1 GI:2479547
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Seguence 126 from patent US 5658780.
161572
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    /organism="unknown"
    /mol_type="unassigned DNA"

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/mol_type="unassigned DNA"
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Matches 12; Conservative
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1 (bases 1 to 15)
Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 558780-A 158 19-AUG-1997;
Location/Qualifiers
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Unclassified.
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Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
Rel a targeted ribozymes
Patent: US 5658780-A 162 19 AUG-1997;
Location/Qualifiers
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Sequence 162 from patent US 5658780.
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Sequence 3035 from Patent EP1260586.
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Sequence 158 from patent US 5658780.
161604 1 GI:2479552
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/mol_type="unassigned DNA"
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Method and reagent for inhibiting the expression of disease related
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Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adanic, J., Mcawiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.B. and
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
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Patent: EP 1260586-A 3035 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 3089 from Patent EP1260586.
AX635950
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Method and reagent for inhibiting the expression of disease related
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Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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41.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 34;
Matches 12; Conservative 0; Mismatches 2; Indels
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Pred. No. 34;
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                                                                                                Patent: EP 1260586-A 3089 27-NOV-2002; RIBOZYME PHARMACEUTICALS, INC. (US) Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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85.7%; Pred. No. 32,
... 0; Mismatches
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Seguence 3099 from Patent EP1260586.
AX635960
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/db_xref="taxon:32644"
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DB 1; Length 13

PAT 20-APR-2005

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Euarchontoglires; Primates; Catarrhini;
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Weterings.K., Apuya.N.R. and Goldberg,R.B.
Polynucleotides useful for modulating transcription
Patent: US 685886-A 35 15-FEB-2005;
The Regents of the University of California; Oakland,
Location/Qualifiers
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Pred. No. 46;
0; Mismatches 1; Indels
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   /organism='Unknown'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AX627110 11 bp DNA Sequence 4151 from Patent WO02053774. AX627110
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/mol_type="unassigned DNA"
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                                                                                                                                            0; Mismatches
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                                                                                                               Score 9.8;
Pred. No. 4
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              Location/Qualifiers
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84.6%;
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Best Local Similarity 90.9%;
Matches 10; Conservative
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Best Local Similarity 84.6%;
Matches 11; Conservative
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AX627110/c
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1 (bases 1 to 13)
Schlingensiepen, K.H. and Brysch, W.
An antisense oldgonucleotide preparation method
Patent: JP 2001511000-A 1296 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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KARL HERMANN SCHLINGENSIBPEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,A61K31/70
An antiennee oligonucleotide preparation method FH
Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 1296 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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BD066661
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genes
Patent: BP 1260586-A 3107 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Pred. No. 34;
0; Mismatches
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31-JAN-1997 EP 97101531
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JP 2001511000-A/1296.
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Best Local Similarity 85.7%;
Matches 12; Conservative
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A89148.1 GI:6737718
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1 (bases 1 to 13)
Schlingensiepen, K.H. and Brysch, W.
An attisense oligonucleotide preparation method
Patent: JP 2001511000-A 1297 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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1P 2001511000-A/1297
07-8016-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, CO7H21/04, ABRIX31/70
An antiserse oligonucleotide preparation method FH
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Pred. No. 55;
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An antisense oligonucleotide preparation method.
BD066662
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLEDOTIDE PREPARATION METHOD
PACHT: WO 9833904-A 1297 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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/organism='Unknown'
Location/Qualifiers
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/organism="unidentified"
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WO 0132860-A/2.
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JP 2001511000-A/1297.
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                                                                                              11 bp DN.
Sequence 4978 from Patent WO02053774.
AX627937
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Sequence 6237 from Patent WO02053774.
AX629196
AX629196.1 GI:28457234
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Sequence 1297 from Patent WO9833904.
A89149
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
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11 ATTGCCCCTTC 1
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AR173052/c
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Unclassified.
1 (Dases 1 to 10)
Glazer,P.M., Lin,L.Michael. and George,J.
Methods and compositions for effecting homologous recombination
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                                                                 Transcriptional activator
Patent: WO 0132860-A 2 10-MAY-2001;
PT STATE PHARMACEUTICAL CO LTD, KOSUKE KATAOKA
OS Artificial Sequence
RN WO 0132860-A/2
PD 10-MAY-2001
PF 15-FEB-2000 WO 2000JP000841
PR 04-NOV-1999 JP 99P 314335
PI KOSUKE KATAOKA
PC C12N15/11,C01G11/00,C01G13/04,C01G7/00,C0
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Gubler, U.A., Lomedico, P.T. and Mizel, S.B.

Recombinant human interleukin-1

Patent: EP 0200986-A1 13 12-NOV-1986;

Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="teaxon:32630"
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 synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 13)
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Sequence 13 from Patent BP 0200986.
104667
104667.1 GI:591573
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Sequence 2 from patent US 5776744.
AR016487.1 GI:3972764
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Best Local Similarity 90.5
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                                                       Kataoka, K.
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Glazer, P.M.
Triple-helix forming oligonucleotides for targeted mutagenesis Patent: US 596245-A 1 05-0CT-1999,
Location/Qualifiers
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Patent: US 6303376-A 1 16-OCT-2001;
Location/Qualifiers
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34.6%; Score 9; DB 1;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
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Patent: US 5776744-A 2 07-JUL-1998;
Location/Qualifiers
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Sequence 1 from patent US 5962426.
AR078332 GI:10005078
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Sequence 1 from patent US 6303376.
AR173052
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19-JUN-1998 US
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PN JP 2001348398-A/2
PD 18-DEC-2001
PF 05-JAN-2001 JP 2001000750
PI ISAO SAITO, KENZO FUJIMOTO, SHIGEO MATSUDA, HIDEAKI YOSHINO PC C07H21/04, C07H19/10, C12P19/30, C12Q1/68 CC Description of Artificial Sequence: template DNA, named ODN A3 FH Key
Location/Qualifiers
1. 10
PT source //organism='Artificial Sequence'.
                       BD105402 10 bp DNA linear PAT 27-AUG-2002 5-Pyrimidine-containing nucleic acid, and reversible ligation
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synthetic construct
of ther sequences artificial sequences.
of the sequences artificial sequences.

S saito, I., Fujimoto, K., Matsuda, S. and Yoshino, H.
S-Pyrimidine-containing nucleic acid, and reversible ligation method using the same
method using the same
Artificial Sequence
NS Artificial Sequence
PN AD 2001348398-A/2
PD 18-DEC-2001
PP 05-JAN-2001 JP 2001000750
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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60/090036 P
60/089844 P
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Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1976 15-OCT-2002;
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Best Local Similarity 100.0%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches
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JP 2002534056-A/1976
15-OCT-2002
18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/090039
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JP 2001348398-A/2.
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JP 2002534056-A/1976.
Homo sapiens (human)
Homo sapiens
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BD105402
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
                                                                     BRUCE L ROBERTS, SRINIVAS SHANKARA
C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
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Method for determining markers of human facial skin
Patent: WO 2004059001-A 2434 15-7UL-2004;
Henkel Kommanditgesellschaft auf Aktien (DB)
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Preparation and use of superior vacc
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60/090078,19-JUN-1998
60/090076,19-JUN-1998
60/111715
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Sequence 2434 from Patent WO2004059001.
CQ837376
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100.0%; Pred. No. 50;
tive 0; Mismatches
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100.0%; Pred. No. 56;
ative 0; Mismatches
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Sequence 2933 from Patent WO2004059001.
CQ837875
CQ837875.1 GI:50837409
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Best Local Similarity 100.00
Best Local 9; Conservative
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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                             Petersohn, D., Schlotmann, K., Gassenmeier, T., Holtkoetter, O., Conradt, M. and Hofmann, K.
Method for determining markers of human facial skin
Patent: WO 2004059001-A 2933 15-UJL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02033773-A 877 11-JUL-2002;
HENKEL KGAA (DE)
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Seguence 877 from Patent WO02053773.
AX471300

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    Hominidae; Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
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Method for determining homeostasis of the sk
Patent: WO 02053774-A 1973 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 1973 from Patent WO02053774.
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AX624932.1 GI:28452873
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Sequence 822 from Patent WO02053774.
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ative 0; Mismatches
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tive 0; Mismatches
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     AX631202.1 GI:28459246
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                                   Homo sapiens (human)
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
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Method for determining homeostasis of the skin
Petent: WO 02053/74-A 5495 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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                                                                               Sequence 5495 from Patent W002053774.
AX628454
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o. 56;
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Best Local Similarity 100.0%; Pred. No. 56;
Matches 9; Conservative 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 56;
Matches 9; Conservative 0; Mismatches
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Homo sapiens
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Fesce, R. and Consalez, G. METHOD FOR THE DIFFERENTIAL SCREENING OF GENE EXPRESSION BY RANDOM PRIMED REVERSE TRANSCRIPTION-POLYMERASE CHAIN REACTION
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Sukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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100.0%; Pred. No. 56;
tive 0; Mismatches
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Sequence 9395 from Patent WOO2053774.
AX632353
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/db_xref="taxon:9606"
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Draper, K.G.
Method and reagent for inhibiting herpes simplex virus replication
Patent: US 6440719-A 31 27-AUG-2002;
Ribozyme Pharmaceuticals, Inc.; Boulder, CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12N15/00,C12N7/02,C12N15/00
Description of Artificial Sequence:PRIMER/POLYPEPTIDE FH
Location/Qualifiers
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Location/Qualifiers
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                                               DNA
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/organism="unknown"
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AX010703/c
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1 (bases 1 to 12)

Draper, K.G.

Method and reagent for inhibiting herpes simplex virus replication
Patent: US 5795778-A 31 18-AUG-1998;

Location/Qualifiers
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Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 262 19-JAN-1999;
Location/Qualifiers
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33.8%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 67;
Matches 10; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                   Score 8.8; DB 1; Length 12;
Pred. No. 67;
0; Mismatches 2; Indels
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Patent: WO 9813521-A 103 02-APR-1998;
FESCE RICCARDO (IT)
Location/Qualifiers
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Pred. No. 67;
0; Mismatches
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Seguence 262 from patent US 5861244.
AR030073

    .12
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Best Local Similarity 83.3%;
Matches 10; Conservative (
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Best Local Similarity 83.3%;
Matches 10; Conservative
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C12N15/09, C12N5/10, C12N7/00, C12N9/22//(C12N5/10, C12R1:91), PC
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Holesek, J.J. and Mamone, A.J.
Method and reagent for inhibiting viral replication
L Method and reagent for inhibiting viral replication
RIBGZYME PHARMACEUTICALS INC
OS Artificial Sequence
RN JP 2000342286-A/345
PD 12-DEC-2000
PF 01-MAY-2000 JP 2000132651
PR 11-MAY-1992 US 07/882289 14-MAY-1992 US 07/882212
14-MAY-1992 US 07/882286, 14-MAY-1992 US 07/882888 PR
14-MAY-1992 US 07/882886, 14-MAY-1992 US 07/882889 PR
14-MAY-1992 US 07/882886, 14-MAY-1992 US 07/882281 PR
                        Lorden A. J. and Manone, A. J.

Holesek, J. J. and Manone, A. J.

Method and reagent for inhibiting viral replication
RIBOZYME PHARMACEUTICALS INC

S Artificial Sequence
RN JP 2000342285-A/345

PP 12-DEC-2000
PP 13-MAY-1992 US 07/882891
I4-MAY-1992 US 07/88291
I4-MAY-1992 US 07/884436, I4-MAY-1992 US 07/88431
I4-MAY-1992 US 07/884436, I4-MAY-1992 US 07/88431
I4-MAY-1992 US 07/884436, I4-MAY-1992 US 07/884359
I5-OCT-1992 US 07/983180, O7-98292 US 07/981359
IS-OCT-1992 US 07/983130, O7-DEC-1992 US 07/981359
IS-OCT-1992 US 07/98738, O7-DEC-1992 US 07/987139
IA-MAY-1992 US 07/98738, O7-DEC-1992 US 07/987139
IS-OCT-1992 US 07/98738, O7-DEC-199
          Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.
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    .12
/organism="synthetic construct"

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/db_xref="taxon:32630"
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JP 2000342286-A/345.
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Matches 10; Conservative
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PC C12N5/00,
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BD001614
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                                                                                                                                                                                                                                                        Selection system
Patent: WO 9958655-A 45 18-NOV-1999;
KRISTENSEN PETER (DK); JESTIN JEAN LUC (FR); MEDICAL RES COUNCIL (GB); MINTER GREGORY PAUL (GB); RIECHMANN LUTZ (GB)
Location/Qualifiers
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/mol_type="unassigned RNA"
/db_xref="taxon:126283"
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Herpes simplex virus unknown type
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Alphaherpesvirinae; Simplexvirus.
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JP 2000342285-A/345.
synthetic construct synthetic construct of the sequences; artificial sequences. 1 (bases 1 to 12)
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33.8%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 67;
Matches 10; Conservative 0; Mismatches 2; Indels
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
|noTe="PRIMER"
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AX010703 12 bp
Sequence 45 from Patent WO9958655.
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Sequence 375 from Patent EP1288296.
AX711075
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                                                                            AX010703.1 GI:9997496
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PC A61P31/14,A61P31/16,A61P31/18,A61P31/22,A61P35/02,C12Q1/68, PC
C12N15/09,C12R1:93),C12N15/00,C12N5/00,A61K37/48,(C12N15/00, PC
C12R1:93)
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                                                                                                                                            JAMES J HOLESEK, ANTHONY J MAMONE
C12N15/09, C12N5/10, C12N7/00//A61K38/43, A61K39/125, A61K39/13,
   07/883823 PR
07/884073 PR
07/88431 PR
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07/935854 PR
07/948159 PR
07/981129 PR
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Unknown.
Unclassified.
Unclassified.
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Unclassified.
Wang, C.-G. and Hepburn, A.G.
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 223 19-JAN-1999;
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic RNA"
/db_xref="taxon:32630"
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Seguence 223 from patent US 5861244.
AR030034
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Seguence 44 from patent US 5814453.
AR043160
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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AR043160
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Unknown.
Unclassified.
1 (James 1 to 10)
Beck,J.Goseph.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5814453-A 44 22-SEP-1998;
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Homo sapiens (Craniata, Vertebrata, Euteleostomi, Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini, Hominidae, Homo.

(Cases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Petent: JP 2002514056-A 99 15-OCT-2002;

GENZYME CORP
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Ligon, J.M. and Beck, J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5955274-A 44 21-SEP-1999;
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60/089853 PR
60/090079 PR
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PN JP 2002234056-A/99
PD 15-0CT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090031,19-JUN-1998 US 19-JUN-1998 US 60/08997,19-JUN-1998 US
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/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Pred. No. 66;
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Pred. No. 66;
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JP 2002534056-A/99.
Homo sapiens (human)
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90.0%;
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Best.Local Similarity 90.0
Matches 9; Conservative
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1. .10
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JP 2002534056-A/1195
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JP 2002534056-A/1195.
Homo sapiens (human)
Homo sapiens
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 875 15-OCT-2002;
GENZYME CORP
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/organism='Homo sapiens (human)'
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Preparation and use of superior vaccines
Key
       60/089992,19-JUN-1998 UG
60/089878,19-JUN-1998 UG
60/080000,19-JUN-1998 UG
60/080942,19-JUN-1998 UG
60/090044,19-JUN-1998 UG
60/090004,19-JUN-1998 UG
60/090080,19-JUN-1998 UG
60/090078,19-JUN-1998 UG
60/090078,19-JUN-1998 UG
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BD239457
BD239457.1 GI:33049227
       60/090035,19-JUN-1998
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    10
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    /db_xref="taxon:9606"

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19-JUN-1998 US 60/09003
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JP 2002534056-A/875
15-OCT-2002
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Homo sapiens (human)
Homo sapiens
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19-JUN-1998 US
19-JUN
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G01N37/00,
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PN 15-2002
PP 18-JUN-1
PF 19-JUN-1998
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Matches 9; Conserv
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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1 (bases 1 to 10)

1 (bases 1.to 10)

Proberts, B.L. and Shankara, S.

Preparation and use of superior vaccines

Patent: JP 2002534056-A 1195 15-OCT-2002;
                                                                                                                                                    C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566,
BRUCE L ROBERTS, SRINIVAS SHANKARA
CIZNIS/09, CIZNIS/09, A61K39/00, A61P35/00, A61P37/04, CIZNI/15,
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G01N37/00,
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                                                                                                                                    PC C12N1/21, C.C. GOLNIS/00, C12N1S/00
PC C12N1S/00, C12NS/00, C12N1S/00
CC Preparation and use of superior vaccines
CC Preparation and Location/Qualifiers
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60/090076,19-JUN-1998
60/111715
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llarity 90.0%; Pred. No. 66;
Conservative 0; Mismatches
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    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:3264"

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03-AUG-1999
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Matches 9; Conservative
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                       RESULT 64
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C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Pred. No. 66;
0; Mismatches 1; Indels
                                                                                       DB 1; Length 10;
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C C12N15/00,C12N5/00,C12N15/00
C Preparation and use of superior vaccines
H Key Location/Qualifiers
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60/090917, 19-UN-1998 US
60/089997, 19-UN-1998 US
60/08987, 19-UN-1998 US
60/08080, 19-UN-1998 US
60/090001, 19-UN-1998 US
60/090041, 19-UN-1998 US
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60/090041, 19-UN-1998 US
60/090081, 19-UN-1998 US
60/090081, 19-UN-1998 US
60/090076, 19-UN-1998 US
60/090076, 19-UN-1998 US
60/090076, 19-UN-1998 US
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Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1798 15-OCT-2002;
GENZYME CORP
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                                                                                   32.3%; Score 8.4; Dlilarity 90.0%; Pred. No. 66; Conservative 0; Mismatches
/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/09003
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JP 2002534056-A/1798
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JP 2002534056-A/1798.
Homo sapiens (human)
Homo sapiens
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90.0%;
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I TAKAMICHI TOYAMA,HITOSHI NAKAMAB,TAKAKO TSUJI,NORIKUNI SAKA PC C12N15/09,C12Q1/68,G01N33/50//(C12N15/09,C12R1:91),C12N15/00, PC (C12N15/00,C12R1:91)
PAT 23-MAR-2005
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Takamichi, T., Hitoshi, N., Takako, T. and Norikuni, S.
Takamichi, T., Hitoshi, N., Takako, T. and Norikuni, S.
Batchof for testing resistance of rice against Nilaparvata lugens
Stal, DNA fragment and PCR marker
Patent: JP 1999206376-A 10 03-AUG-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note="Reverse Primer Extension Oligo for Detecting Alleles at PSs in Haplotypes Comprising Preferred Embodiments of Response Markers I and Response Markers
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  linear
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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CS052685 10 bp DNA Sequence 26 from Patent WO2005021796.
                                                                                                                                                                                                 other sequences; artificial sequences.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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                                                                                          Velculescu, V.E., Vogelstein, B. and Kinzler, K.W.
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Human transcriptomes
Patent: WO 0138577-A 875 31-MAY-2001;
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                                                                                                           Human transcriptomes
Patent: WO 0138577-A 776 31-MAY-2001,
The Johns Hopkins University (US)
Location/Qualifiers
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Patent: WO 0138577-A 874 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 874 from Patent WO0138577.
AX152959
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Sequence 875 from Patent WO0138577.
AX152960
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Homo sapiens (human)
Homo sapiens
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Best Local Similarity 90.00,
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                                                               Hominidae; Homo.
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TITLE
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
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Patent: WO 0138577-A 340 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                  32.3%; Score 8.4; DB 90.0%; Pred. No. 66; iive 0; Mismatches
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Li,K., Rouse,D.I. and German,T.L.
Assay for verticillium dahliae
Patent: US 5527671-A 23 18-JUN-1996;
Location/Qualifiers
                                                                                                                  10 bp 1
Sequence 23 from patent US 5527671.
122209
122209.1 GI:1602563
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AX152425
AX152425.1 GI:14534076
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/organism="unknown"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 776 from Patent WO0138577.
AX152861.1 GI:14534512
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Best Local Similarity 90.0
Matches 9; Conservative
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          TCATCGCCCC 15
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AX152861/c
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AX152425/c
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AUTHORS
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Hominidae, Homo.

I (bases 1 to 10)

Matsushima, K., Hashimoto, S. and Suzuki, T.

LPS activated human monocyte expressing genes

L patent: JP 200106999-A 71 21-MAR-2001;
JAPAN SCIENCE AND TECHNOLOGY CORP

OS Homo sapiens (human)

PN JP 2001069993-A/71

PD 21-MAR-2001

PF 28-APR-2000 JP 2000131079

PR CAL MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI PC

C12N15/09, C07K14/47, C07K16/18, G01N33/50, G01N33/53//A61K45/00, PC

A61P29/00,

CC A61P31/00, C12P21/08, C12N15/00

CC Homo sapiens (human)'.

FT Source | ...10
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Gaps
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Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 60 19-JAN-1999;
Location/Qualifiers
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Pred. No. 66;
0; Mismatches

    .11
    /organism="unknown"
    /mol_type="unassigned DNA"

 Mismatches
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Sequence 60 from patent US 5861244.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2001069993-A/71.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity 90.00
Section 9; Conservative
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BD007795/c
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AR029871
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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Tumor markers in ovarian cancer
Patent: W0 0175177-A 111 11-OCT-2001;
THE SECRETARY OF THE DEPARMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini;
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Pred. No. 66;
0; Mismatches 1; Indels
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Patent: WO 0138577-A 1105 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 111 from Patent WO0175177.
AX302593
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/db xref="taxon:9606"

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    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Pred. No. 66;
                                                                    /mol_type="unassigned DNA"
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/organism="Homo sapiens"
The Johns Hopkins University (US)
                Location/Qualifiers
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90.0%;
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Best Local Similarity 90.0
Matches 9; Conservative
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Best Local Similarity
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Query Match

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RESULT 72

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REFERENCE AUTHORS

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RESULT 71

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PAT 29-JUL-2004

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Method for determining the homeostasis of hairy skin Patent: WO 2004659002-A 400 15-JUL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining markers of human facial skin Patent: WO 2004059001-A 634 15-JUL-2004, Henkel Kommandicgesellschaft auf Aktien (DE)
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Pred. No. 73;
0; Mismatches 1; Indels
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                                 Sequence 400 from Patent WO2004059002.
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Sequence 1445 from Patent WO2004059001.
CQ836387.1 GI:50835921
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    /organism="Homo sapiens"
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/db_xref="taxon:9606"

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Best Local Similarity
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Mammalia, Butheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining the homeostasis of hairy skin
Patent: WO 2004059002-A 50 15-JUL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 330 from Patent WO2004059002.
CQ832959
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Sequence 50 from Patent WO2004059002.
 Mismatches
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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/organism="Homo sapiens"
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CQ832679.1 GI:50832286
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Best Local Similarity 90.0
Matches 9; Conservative
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CQ832679
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CQ836982/c
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CQ836928
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Homo sapiens (human)
Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Method for determining markers of human facial skin Method for determining markers of human facial skin Patent: WO 2004059001-A 1445 15-UJL-2004, Henkel Kommandicgesellschaft auf Aktien (DE)
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CQ836706
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Sequence 1984 from Patent WO2004059001.
CQ836926
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Homo sapiens
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                                                              Hominidae; Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Conradt,M. and Hofmann,K.
Method for determining markers of human facial skin
Patent: WO 2004059001-A 1984 15-JUL-2004,
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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CQ836928
CQ836928.1 GI:50836462
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Sequence 2040 from Patent WO2004059001.
CQ836982

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    /db_xref="taxon:9606"

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens (human)
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Mammalia, Butheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Method for determining markers of human facial skin Patent: WO 2004059001-A 2564 15-JUL-2004;
Henkel Kommanditessellschaft auf Aktien (DB)
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Sequence 2445 from Patent WO2004059001.
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Sequence 2564 from Patent WO2004059001.
CQ837506
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Best Local Similarity 90.0%;
Matches 9; Conservative 0
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Homo sapiens
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Homo sapiens
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Best Local Similarity 90.0
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining hair cycle markers
Method for determining hair cycle markers
Petent: WO 2005028671-A 45 31-MAR-2005,
Henkel Kommanditgesellschaft auf Aktien (DE)
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CQ837993 11 bp DNA
Sequence 3051 from Patent WO2004059001.
CQ837993. GI:50837527
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/organism="Homo sapiens"
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Hominidae; Homo.
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AX471686/c
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02033773-A 30 11-JUL-2002;
HENKEL KGAA (DE)
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Sequence 66 from Patent WO02053773.
AX470489 1GI:22205614
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Sequence 30 from Patent WO02053773.
AX470453
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
11 bp
Sequence 67 from Patent WO0210217.
AX393137
AX393137.1 GI:19701187
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/organism="Homo sapiens"
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Homo sapiens
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Homo sapiens
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Best Local Similarity 90.0
Matches 9; Conservative
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Sukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Hofmann, K., Conradt, M. and Petersohn, D.
Method for determining skin stress or skin ageing in vitro
Patent: WO 0203773-A 66 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 1263 11-JUL-2002;
HENKEL KGAA (DE)
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Bethod for determining skin stress or skin ageing in vitro
Patent: WO 02033773-A 255 11-JUL-2002;
HENKEL KGAA (DE)
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/organism="Homo sapiens"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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PAT 21-FEB-2003

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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Pred. No. 73;
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                                                                                        Sequence 2458 from Patent W002053774. AX625417
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Sequence 3417 from Patent WO02053774.
AX626376.1 GI:28454414
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX626376
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 192 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Seguence 2264 from Patent WO02053774.
AX625223
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Sequence 192 from Patent WO02053774.

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Homo sapiens
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AX625233/c

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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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                    (DE)
Patent: WO 02053774-A 4916 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien
Location/Qualifiers
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Sequence 5923 from Patent WO02053774.
AX628882
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Sequence 5406 from Patent WO02053774.
AX628365 Ax628365.1 GI:28456403
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3417 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 4495 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
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Seguence 4495 from Patent WO02053774.
AX627454
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 6832 11-JUL-2002;
Henkel Kommanditgeeellschaft auf Aktien (DE)
Location/Qualifiers
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                       AX629791 11 bp DNA Sequence 6832 from Patent WO02053774. AX629791
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Sequence 7165 from Patent WO02053774.
AX630124.1 GI:28458162
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AX630572
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Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 6612 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 6607 from Patent WO02053774.
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 Pred. No. 73;
0; Mismatches

    .11
    /organism="Homo sapiens"
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Homo sapiens
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Best Local Similarity 90.0
Matches 9; Conservative
Best Local Similarity 90.0
Matches 9; Conservative
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RESULT 104

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Matches 9; Conservative
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CHIMABRIC OLIGONUCLEOTIDES AND USES THEREOF IN THE IDENTIFICATION
OF ANTISENSE BINDING SITES
PACENT: WO 9710332-A 95 20-MAR-1997;
BRAX GENOMICS LTD (GB)
LOCATION/Qualifiers
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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                                          Petersohn, D., Conradt, M. and Hofmann, K.
Method for determining homeostasis of the skin
Patent: WO 02053774-A 7613 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Seguence 9686 from Patent WO02053774.
AX632644

    .11
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unclassified sequences.
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Homo sapiens
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AX632644/c
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A61526/c
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                                                                                                                                                                                                                                                                                                                  unclassified sequences.

1 (bases 1 to 12)
Thompson, 4H. and Schmidt, G.
CHIMBRIC ANTISENSE OLIGONUCLEOTIDES AGAINST TNF-ALPHA AND THEIR
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1 (bases 1 to 12)
Chee, M., Cronin, M.T., Fodor, S.P.A., Huang, X.X., Hubbell, E.A.,
Lipshutz, R.J., Lobban, P.E., Morris, M.S. and Sheldon, E.L.
Arrays of nucleic acid probes on biological chips
Patent: US 5837832-A 334 17-NOV-1998;
Location/Qualifiers
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32.3%; Score 8.4; DB 1; Length 12; 90.0%; Pred. No. 80;
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BRAX GENOMICS LTD (GB); THOMPSON ANDREW HUGIN (GB)
Location/Qualifiers
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                                  0; Mismatches

    .12
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Sequence 13 from Patent W09927086.
A95406
A95406.1 GI:6779450
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/organism="unknown"
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Best Local Similarity 90.00,
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Gaps

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LOCUS DEFINITION ACCESSION

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VERSION KEYWORDS SOURCE ORGANISM

TITLE JOURNAL

FEATURES

REFERENCE AUTHORS

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PAT 16-JUL-2002
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/organism="synthetic construct"
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Unclassified.
1 (Dases 1 to 10)
Bustos,M.M. and Chern,M.-S.
Modification of seed crops with transcription factors
Patent: US 6160202-A 16 12-DEC-2000;
Location/Qualifiers
                                                                                                              Query Match 32.3%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 80; Matches 9; Conservative 0; Mismatches 1; Indels
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synthetic construct
other sequences; artificial sequences.
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3. 79;
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Sequence 16 from patent US 6160202.
AR121979
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/mol_type="unassigned RNA"
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ilarity 100.0%; Pred. No. 79;
Conservative 0; Mismatches
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                             AX467018 12 bp
Sequence 47 from Patent W00224950.
AX467018 1GI:21900359
                                  Location/Qualifiers
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GFI Aerospace; Paris;
FRX;
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CTTCCTAGGC 3
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Patent: US 6355418-A 54 12-MAR-2002;
Location/Qualifiers
               PAT 03-MAR-2004
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Fauchet,C.R.J.
Fixing unit with an end imprint in a threaded terminal portion
Patent: US 6632057-A 134 14-OCT-2003;
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32.3%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 80;
Matches 9; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                         1. .12
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noCe="HS motif"
          CQ766296 12 bp DNA
Sequence 257 from Patent WO2004005547.
CQ766296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DNA
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                                                                                                                           other sequences; artificial sequences.
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AR408041
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/organism="unknown"
/wol_type="unassigned DNA"
                                                          CQ766296.1 GI:44908556
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                                                                                           synthetic construct
synthetic construct
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Schmidt, G.
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Best Local Similarity 90.0
Matches 9; Conservative
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1 (bases 1 to 10)
Nagal, S., Matsuehima, K. and Hashimoto, S.
Human activated Th1 and Th2 cell expression genes
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Muknown.

Unclassified.

Unclassified.

(S Bustos,M.M. and Chern,M.-S.

Modification of seed crops with transcription factors

Modification of seed crops with transcription factors with transcription factors with transcr
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Bustos, M.M. and Chern, M.-S.
Modification of seed crops with transcription factors
Patent: US 6160202-A 21 12-DEC-2000;
Location/Qualifiers
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100.0%; Pred. No. 79;
ive 0; Mismatches
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100.0%; Pred. No. 79;
iive 0; Mismatches
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Sequence 21 from patent US 6160202.
AR121984
AR121984.1 GI:14105560
                                                                                     AR121983 10 bp
Sequence 20 from patent US 6160202.
AR121983.1 GI:14105559
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JP 2002186482-A/158.
Homo sapiens (human)
Homo sapiens
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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G01N37/00,
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1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 678 15-OCT-2002;
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                               OS Homo sapiens (human)

OS Homo sapiens (human)

N JP 2002186482-A/158

PD 02-UUL-2000

PF 19-DEC-2000 JP 2000385816

PI SHIGBNORI NAGAI, KOJI MATSUSHIMA, SHINICHI HASHIMOTO PC

C12N15/09, C07K14/47, C07K16/18, C12P21/08, C12N15/00 CC

activated Thl and Th2 cell expression genes FH Key

Location/Qualifiers

1 10

(organism='Homo sapiens (human)'.
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60/080079
60/080072
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                                                                                                                                                                                 linear
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Preparation and use of superior vaccines
Key
Location/Qualifiers
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60/090035,19-UNN-1998 US
60/090035,19-UNN-1998 US
60/090001,19-UNN-1998 US
60/090001,19-UNN-1998 US
60/090042,19-UNN-1998 US
60/090042,19-UNN-1998 US
60/090042,19-UNN-1998 US
60/090042,19-UNN-1998 US
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60/090042,19-UNN-1998 US
60/090076,19-UNN-1998 US
60/090076,19-UNN-1998 US
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60/08997.19-JUN-1998 U

60/08997.19-JUN-1998 U

60/08992.19-JUN-1998 U

60/089992.19-JUN-1998 U

60/089992.19-JUN-1998 U

60/08999.19-JUN-1998 U

60/080994.19-JUN-1998 U

60/089994.19-JUN-1998 U

60/089994.19-JUN-1998 U

60/089994.19-JUN-1998 U

60/089994.19-JUN-1998 U
Patent: JP 2002186482-A 158 02-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
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.larity 100.0%; Pred. No. 79;
Conservative 0; Mismatches
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                      /mol_type="genomic_DNA"
/db_xref="taxon:9606"
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JP 2002534056-A/678
15-OCT-2002
18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/090039
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JP 2002534056-A/678.
Homo sapiens (human)
Homo sapiens
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PAT 17-JUL-2003

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BRUCE L ROBERTS, SRINIVAS SHANKARA
C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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G01N37/00,
                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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60/089993
60/089991
60/090048
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60/08984
60/08983
60/090047
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60/089853
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                                                                     BD239658 10 bp DNA Preparation and use of superior vaccines. BD239658 BD239658.1 GI:33049428 DP239658.1 GI:33049428 Home sapiens (human)
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60/08997.19-JUN-1998 U
60/08992.19-JUN-1998 U
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60/08900.19-JUN-1998 U
60/08909.19-JUN-1998 U
60/089042.19-JUN-1998 U
60/090081.19-JUN-1998 U
60/089994.19-JUN-1998 U
                                                                                                                                                                                          Hominidae, Homo.

1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.

Preparation and use of superior vaccines
Patent: JP 2002534056-A 1076 15-OCT-2002;
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Preparation and use of superior vacc
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100.0%; Pred. No. 79;
ative 0; Mismatches
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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.9-JUN-1998 US 60/0900:
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JP 2002534056-A/1076
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Best Local Similarity 100.
Matches 8; Conservative
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BD240019
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1 (bases 1 to 10)
Roberts, B.L. and Shankara, S. Reparation and use of superior vaccines
Patent: JP 2002534056-A 1041 15-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DEC-1998 US 60/111715
BRUCE L ROBERTS, SRINIVAS SHANKARA
C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
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60/080993 PR
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/organism='Homo sapiens (human)'.

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30.8%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 8; Conservative 0; Mismatches 0; Indels
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                                                                              30.8%; Score 8; DB 1
llarity 100.0%; Pred. No. 79;
Conservative 0; Mismatches
             1. .10
/organism="Homo sapiens"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/0900:
  Location/Qualifiers
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JP 2002534056-A/1041
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JP 2002534056-A/1041.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity
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PN JP 20025
PD 15-OCT-2
PF 18-JUN-1
PR 19-JUN-1
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PAT 17-JUL-2003

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JP 1994113850-A/1.
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E39656/c
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C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
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JP 1994113849-A/1.
unidentified
unclassified.
1 (bases I to 10)
Xamamoco, T. and Nishikawa, A.
METHOD FOR DISTINGUISHING VARIETY OF LETTUCE USING OLIGONUCLEOTIDE
AND ITS OLIGONUCLEOTIDE
PATENT: OP 1994113849-A 1 26-APR-1994;
SUMITOMO CHEM CO LTD
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini, Homonindae, Homo.

1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1437 15-OCT-2002;
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60/080079 PR
60/080072 PR
60/080991 PR
60/080048 PR
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60/090011,19-UNN-1998 US
60/089997,19-UNN-1998 US
60/089997,19-UNN-1998 US
60/089997,19-UNN-1998 US
60/089997,19-UNN-1998 US
60/089997,19-UNN-1998 US
60/080042,19-UNN-1998 US
60/080041,19-UNN-1998 US
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C C12N15/00,C12N5/00,C12N15/00
C Preparation and use of superior vaccines
Location/Qualifiers
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Oligonucleotides of lettuce's DNA for primer.
E07298
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Best Local Similarity 100.0%; Pred. No. 79;
Matches 8; Conservative 0; Mismatches
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Artificial sequences.
UP 1994113849-A/1
26-APR-1994
09-OCT-1992 UP 1992271759
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18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/09003
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JP 2002534056-A/1437
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19-JUN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 10)
Yamamoto, T. and Nishikawa, A.
METHOD FOR DISTINGUISHING VARIETY OF RICE PLANT USING
MICHONICLEOTIDE AND ITS OLIGONUCLEOTIDE
PATENT: JP 1994113850-A 1 26-APR-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                      0; Indels
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                                                                                                                                                                                                                                                                                                    Length 10;
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Oligomucleotide of rice plant's DNA for primer.
E07306
YAMAMOTO TOSHIYA, NISHIKAWA AKIRA
Cl2N15/11,Cl2Q1/68,G01N33/48,G01N33/48,
etrandedness: Single;
topology: Linear;
hypothetical: No;
anti-sense: No;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          09-OCT-1992 JP 1992271760
YAMAWOTO TOSHIYA, NISHIKAWA AKIRA
C12N15/11, C12Q1/68 G01N33/48; G1N33/48;
strandedness: Single;
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100.0%; Pred. No. 79;
ative 0; Mismatches
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30.8%; Score 8; DB 1
Best Local Similarity 100.0%; Pred. No. 79;
Matches 8; Conservative 0; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
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/db_xref="taxon:32644"
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JP 1994113850-A/1
26-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     topology: Linear;
hypothetical: No;
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PAT 14-DEC-2004

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Gaps

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PAT 16-JUL-2002

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PAT 31-JAN-2002

REFERENCE

RESULT 127

AR575231

TITLE JOURNAL

COMMENT

FEATURES

REFERENCE AUTHORS

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Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
1 (bases 1 to 10)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conkling, M.A. and Li, Y.

Transgenic plants containing molecular decoys that alter protein content therein

Patent: WO 0218607-A 2 07-MAR-2002;

NORTH CAROLINA STATE UNIVERSITY (US)

LOCATION/Qualifiers
                                                                                                                                   1 (bases I to 10)
Ecker, D.J., Buchardt, O., Egholm, M., Nielsen, P.E., Berg, R.H. and Mollegaard, N.E.
Higher order structure and binding of peptide nucleic acids Patent: US 6770738-A 69 03-AUG-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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LPS activated human monocyte expressing genes.
BD007786
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Mol type="unassigned DNA"
db xref="texton:32630"
/noTes="Synthetic oligonucleotide"
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100.0%; Pred. No. 79;
iive 0; Mismatches
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            Sequence 69 from patent US 6770738.
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100.0%; Pred. No. 79;
tive 0; Mismatches
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Sequence 2 from Patent WO0218607.
AX467563
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/mol_type="genomic DNA"
                                                         AR575231.1 GI:56576127
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JP 2001069993-A/62.
Homo sapiens (human)
Homo sapiens
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synthetic construct
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Best Local Similarity 100.
Matches 8; Conservative
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Unclassified.
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Matches 8; Conserv
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BD007786/c
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                                                                                                                Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 10)
Bentley,W.E. and Gill,R.
Method of differential display of prokaryotic messenger RNA by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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University of Maryland Biotechnology Institute; Baltimore, MD
Location/Qualifiers
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/organism='Homo sapiens (human)'.
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                                                                                                                                           Hominidae, Homo.

1 (bases 1 to 10)
Hashimoto,S., Matsushima,K. and Suzuki,T.
Genes with human dendritic cell expression
Patent: JP 2000279181-A 189 10-OCT-2000;
OS Homo sapiens (human)
PD 2000279181-A 189
PD 10-OCT-2000
Genes with human dendritic cell expression. B39656. B29656. B29656.1 GI:18621747 Homo sapiens (human) Homo sapiens (human)
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100.0%; Pred. No. 79;
ative 0; Mismatches
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30.8%; Score 8; DB 1
Best Local Similarity 100.0%; Pred. No. 79;
Matches 8; Conservative 0; Mismatches

    .10
    /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

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/mol_type="genomic DNA"
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Best Local Similarity 100..
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RESULT 126 AR561756/c DEFINITION

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ACCESSION VERSION KEYWORDS

REFERENCE AUTHORS TITLE

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PEATURES

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(bases 1 to 11)
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AR032093
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A process for the production of alpha-human atrial natriuretic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Mateushima, K., Hashimoto, S. and Suzuki, T.
LPS activated human monocyte expressing genes
Patent: JP 2001069993-A 62 21-MAR-2001;
JAPAN SCIENCE AND TECHNOLOGY CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 11)
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Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
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Similarity 100.0%; Pred. No. 79;
8; Conservative 0; Mismatches
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FUJISAWA PHARMACEUTICAL CO., LTD
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Ueda,I., Niwa,M., Saito,Y., Yamada,H. and Ishii,Y.
A process for the production of alpha-human atrial natriuretic polypeptide
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Ecker, D., Vickers, T.A. and Bruice, T.W.
Modulation of gene expression through interference with RNA
secondary structure
Patent: US 5866698-A 14 02-FEB-1999;
Location/Qualifiers
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1 (bases 1 to 11)

Boker, D. J., Vickers, T. and Davis, P.

Combinatorial oligomer immunoabsorbant screening assay for transcription factors and other biomolecule binding Patent: US 5747253-A 9 05-MAY-1998;

Location/Qualifiers
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100.0%; Pred. No. 88;
ative 0; Mismatches
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100.0%; Pred. No. 88;
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Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
                                                    Patent: EP 0440311-A 78 07-AUG-1991;
FUJISAWA PHARMACEUTICAL CO., LTD
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Sequence 14 from patent US 5866698.
AR032093
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/wol_type="unassigned DNA"
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AR004550
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PAT 29-JUL-2004

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                                                                                                                                                                                                    Petersohn, D., Schlotmann, K., Gassenmeier, T., Holtkoetter, O., Conradt, M. and Hofmann, K.
Method for determining markers of human facial skin Patent: WO 2004059901-A 462 15-JUL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining markers of human facial skin Method for determining markers of human facial skin Patent: WO 2004059001-A 510 15-JUL-2004;
Henkel Kommanditeseallschaft auf Aktien (DE)
Location/Qualifiers
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                 CQ835404 11 bp DNA
Sequence 462 from Patent WO2004059001.
CQ835404
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30.8%; Score 8; DB 1;
Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
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Sequence 510 from Patent WO2004059001.
CQ835452
CQ835452.1 GI:50834986
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100.0%; Pred. No. 88;
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Sequence 2344 from Patent WO2004059001.
                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
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                                                                       CQ835404.1 GI:50834938
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CQ837286.1 GI:50836820
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Homo sapiens
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Best Local Similarity 100.
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Mammalia, Eutheria, Euarchontoglires, Glires, Rodentia,
Sciurognathi, Muroidea, Muridae, Murinae, Mus.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Method for determining the homeostasis of hairy skin
Patent: WO 2004059002-A 1090 15-JUL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Regulatory elements in the 5' region of the vrl
Patent: WO 2004053120-A 463 24-JUN-2004;
Gruenenthal GmbH (DE)
Location/Qualifiers
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Sequence 1090 from Patent WO2004059002.
CQ833719 GI:50833326
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Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
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/note="V$DELTAEF1 01"
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/mol_type="unassigned DNA"
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Homo sapiens
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining markers of human facial skin Patent: WO 2004059001-A 2626 15-UUL-2004;
Henkel Kommandicgesellschaft auf Aktien (DE)
Location/Qualifiers
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Petersohn,D., Schlotmann,K., Gassenmeier,T., Holtkoetter,O.,
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Conradt, M. and Hofmann, K.
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                                                                                         Conradt,M. and Hofmann,K.

Method for determining markers of human facial skin
Patent: WO 2004059001-A 2344 15-JUL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 2626 from Patent WO2004059001.
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Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
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Method for determining markers of human facial skin Patent: WO 2004059001-A 3126 15-JUL-2004; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Sequence 132 from Patent WO2005028671.
CSO58235.1 GI:62551418
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100.0%; Pred. No. 88;
Live 0; Mismatches
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100.0%; Pred. No. 88;
tive 0; Mismatches
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/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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CQ838137.1 GI:50837671
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Best Local Similarity 100.00
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Butheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                                                                                                                                               Hofmann, K., Conradt, M. and Petersohn, D.
Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 998 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Sequence 1338 from Patent W002053773.
AX471761
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 Sequence 998 from Patent W002053773.
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AX471421.1 GI:22206546
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                                                                    Homo sapiens (human)
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I (bases 1 to 11)
Cook, P. Dan , Ecker, D.J., Wyatt, J., Bruice, T.W., Anderson, K., Hanecak, R., Vickers, T., Davis, P., Freier, S.M., Sanghvi, Y.S. and Brown-Driver, V.
Methods for synthetic unrandomization of oligomer fragments Patent: US 658331-A 9 16-DEC-1997;
Location/Qualifiers
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Ecker, D.J., Wyatt, J., Bruice, T.W., Anderson, K., Vickers, T. and Davis, P.
Synthetic unrandomization of oligomer fragments
Patent: US 5672472-A 9 30-SEP-1997;
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                              30.8%; Score 8; DB 1;
Similarity 100.0%; Pred. No. 88;
8; Conservative 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
                                                                                                                                                                                                         Sequence 9 from patent US 5672472.
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Sequence 9 from patent US 5698391,
185557
185557,1 GI:3205275
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/db_xref="taxon:9606"
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Best Local Similarity 100.0
Matches 8; Conservative
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Best Local Similarity
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AX471421/c
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AX624841/c
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Petersohn, D., Conradt, M. and Hofmann, K.
Method for determining homeostasis of the skin
Patent: WO 02053774-A 573 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Metersohn,D., Conradt,M. and Hofmann,K.

Method for determining homeostasis of the skin

Patent: WO 02053774-A 981 11-JUL-2002;

Henkel Kommanditgesellschaft auf Aktien (DE)

Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 1576 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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30.8%; Score 8; DB 1;
Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches
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100.0%; Pred. No. 88;
tive 0; Mismatches
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Sequence 981 from Patent WO02053774.
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/mol_type="unassigned DNA"
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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                                     Length 11;
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Method for determining homeostasis of the skin
Petent: WO 02053714.4A 1882 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3054 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 3054 from Patent WO02053774.
AX626013
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Sequence 1882 from Patent WO02053774.
                                   30.8%; Score 8; DB 1
100.0%; Pred. No. 88;
ative 0; Mismatches

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PAT 21-FEB-2003

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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                                                                                                Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 5380 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 7048 11-JUL-2002;
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100.0%; Pred. No. 88;
ative 0; Mismatches
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Seguence 6092 from Patent WO02053774.
AX629051
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Sequence 7048 from Patent W002053774.
Ax630007
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/db_xref="taxon:9606"
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Homo sapiens (human)
Homo sapiens
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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                                                      Sequence 3649 from Patent W002053774.
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Sequence 5246 from Patent W002053774.
AX628205
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100.0%; Pred. No. 88;
tive 0; Mismatches
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Sequence 5380 from Patent WO02053774.
AX628339 GI:28456377

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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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30.8%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 88;
Matches 8; Conservative 0; Mismatches 0; Indels
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 8403 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 8403 from Patent WO02053774.
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Homo sapiens
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Homo sapiens
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Best Local Similarity 100.
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PR 13-FEB-1998 US 60/102051
PI ELLEN HEBER KATZ
PC C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC C12N5/00
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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Method for determining the homeostasis of hairy skin Patent: WO 2004059002-A 39 15-JUL-2004;
Barcht: WO 200405902-A 39 15-JUL-2004;
Location/Qualifiers
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CQ833592
CQ833592.1 GI:50833199
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Sequence 39 from Patent WO2004059002.
CQ812668
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Draper, K.G.
Method and reagent for inhibiting herpes simplex virus replication
Patent: US 5795778-A 104 18-AUG-1998;
Location/Qualifiers
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BD124409.
BD124409.
BD124409.
DP 2002503460-A/240.
Mus musculus (house mouse)
Mus musculus (house mouse)
Mus musculus (house mouse)
Mus musculus (house mouse)
Scharyota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi; Muridae; Mus.
Sciurognathi; Muridae; Murinae; Mus.
Katz. E.
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I (bases 1 to 11)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 355 19-JAN-1999;
Location/Qualifiers
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Best Local Similarity 81.8%; Pred. No. 96;
Matches 9; Conservative 0; Mismatches 2; Indels
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Patent: JP 2002503460-A 240 05-FEB-2002;
THE MISTAR INSTITUTE
OS Mus musculus (mouse)
PN JP 2002503460-A/240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DNA
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AR024154 11 bp Dr
Seguence 104 from patent US 5795778.
AR024154
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JP 2002503460-A/240
                                                  AR024154.1 GI:3977448
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining markers of human facial skin
Patent: WO 2004059001-A 961 15-JUL-2004;
Peterk Kommandicgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining markers of human facial skin
Method for determining markers of human facial skin
Patent: WO 2004059001-A 1255 15-UUL-2004;
Henkel Kommandicgssellschaft auf Aktien (DE)
Location/Qualifiers
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Conradt, M. and Hofmann, K. Method for determining the homeostasis of hairy skin Patent: WO 2004059002-A 963 15-JUL-2004; Henkel Kommanditgesellschaft auf Aktien (DE)
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Pred. No. 96;
0; Mismatches 2; Indels
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CQ836197
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30.0%; Score 7.8; DE
Best Local Similarity 81.8%; Pred. No. 96;
Matches 9; Conservative 0; Mismatches
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/organism≃"Homo sapiens"
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Best Local Similarity 81.8%;
Matches 9; Conservative
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Method for determining markers of human facial skin
Patent: Wo 2004059001-A 2818 15-JJL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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CQ836809
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Sequence 2818 from Patent WO2004059001.
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    .11
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Homo sapiens
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PAT 26-SEP-2002

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PAT 12-JUN-2003

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PAT 03-SEP-2003

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Unknown.
Unclassified.
Unclassified.
Unclassified.
Unclass 1 to 11)
Draper, K.G.
Draper, K.G.
Method and reagent for inhibiting herpes simplex virus replication
Patent: US 6440719-A 104 27-AUG-2002;
Patent: US 6440719-A 104 27-AUG-2002;
Ribozyme Pharmaceuticals, Inc.; Boulder, CO
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Yamada,M., Furutani,Y., Yamayoshi,M., Notake,M. and Yamagishi,J.
Treatment of microbial infection with interleukin 1 polypeptides
Batent: US 5494663-A 21 27-FEB-1996;
Dainippon Pharmaceutical Co., Ltd.; Osaka;
                                                                                                                                                                                                                                                                                                30.0%; Score 7.8; DB 1; Length 11; 81.8%; Pred. No. 96; ive 0; Mismatches 2; Indels
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1 (Dases 1 to 11)

Heber-Katz,E.
Compositions and methods for wound healing
Patent: US 6538173-A 240 25-MAR-2003;
The Wistar Institute; Philadelphia, PA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA
          DNA
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 Sequence 104 from patent US 6440719.
AR224372
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Sequence 240 from patent US 6538173.
AR301659
AR301659.1 GI:31689461
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30.0%; Score 7.8; DB
Best Local Similarity 81.8%; Pred. No. 96;
Matches 9; Conservative 0; Mismatches
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Sequence 21 from patent US 5494663.
AR365391 GI:34428970
                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="genomic DNA"

    11
    /organism="unknown"
    /mol_type="genomic DNA"

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                                                    AR224372.1 GI:23333149
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Unclassified.
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Best Local Similarity
Matches 9; Conserv
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AR301659/c
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                                                                                                                                                                                                          Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          potency
Patent: WO 2005042018-A 14 12-MAY-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Method for determining markers of human facial skin
Patent: WO 2004059001-A 3124 15-UUL-2004;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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/mol_cype="wassigned DNA"
/mol_type="wassigned DNA"
/db_xref="taxon:32630"
/noTe="Synthetic oligonucleotide"
                                                                                                       11 bp DNA Sequence 3124 from Patent WO2004059001. CQ838066.1 GI:50837600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           other sequences; artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                          organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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81.8%; Pred. No. 96;
tive 0; Mismatches
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synthetic construct
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Best Local Similarity 81.8:
               CGCCGCTTCTT 11
CCCCCTTCCT 20
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Best Local Similarity
Matches 9; Conserv
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AR224372
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PAT 21-FEB-2003
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini;
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LOCUS AX624516 11 bp DNP
DEFINITION Sequence 1557 from Patent W002053774.
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Sequence 271 from Patent WO02053774.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Best Local Similarity 81.0.
Best Similarity 81.0.
Conservative
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   3 ACCTCATCGCC 13
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                       11 ATCTCATGGCC 1
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AX623230
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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/mol type="unassigned DNA"
/db xrefe="taxon:3630"
/noTe="plasmid junction linker upper oligonucleotide"
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Identification of the genetic determinants of the polymorphic
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                                                                                     DB 1; Length 11;
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Cloning vectors and method for molecular cloning
Patent: WO 02070720-A 37 12-SEP-2002;
Riken (JP)
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Patent: WO 02053775-A 162 11-JUL-2002;
EPIDAUROS BIOTECHNOLOGIE AG (DE)
Location/Qualifiers
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synthetic construct
other sequences; artificial sequences.
                                                                                                                                                                                                                                                                      Sequence 162 from Patent W002053775. AX472171
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/db_xref="taxon:9606"
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0; Mismatches
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Sequence 37 from Patent WO02070720.
AX555201
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Pred. No. 96;
                   1. .11
/organism="unknown"
/mol_type="genomic DNA"
Location/Qualifiers
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                                                                                 h 30.0%;
Similarity 81.8%;
9; Conservative
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Best Local Similarity
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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     Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 1914 11-JUL-2002; Henkel Kommanditgeeellschaft auf Aktien (DE)
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Sequence 2269 from Patent W002053774.
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Sequence 2427 from Patent WO02053774.
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/organism="Homo sapiens"
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/db xref="taxon:9606"
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    /organism="Homo sapiens"
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Matches 9; Conservative
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Euarchontoglires, Primates, Catarrhini,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Sukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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AX624516
AX624516.1 GI:28452457
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AX624591.1 GI:28452532
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Best Local Similarity 81.8%;
Matches 9; Conservative 0
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AX627272.1 GI:28455310
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Sequence 2769 from Patent W002053774.
AX625728
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Seguence 3004 from Patent WO02053774.
AX625963
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/db_xref="taxon:9606"
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Pred. No. 96;
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81.8%;
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Best Local Similarity 81.8%;
Matches 9; Conservative
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Query Match
Best Local Similarity 81.0-
Local 9, Conservative
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Mammalia; Butheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 4313 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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11 bp DN/
Sequence 3425 from Patent W002053774.
AX626384
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 5140 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Seguence 5140 from Patent WO02053774.
AX628099
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                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
          Location/Qualifiers
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 4640 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Petent: WO 02053714.4A 5090 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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AX627599
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Seguence 5090 from Patent WO02053774.
AX628049
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Best Local Similarity 81.8%;
Matches 9; Conservative
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AX629429/c
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini;
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Pred. No. 96;
0; Mismatches
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    .11
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    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 81.8%;
Matches 9; Conservative
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Best Local Similarity 81.8%;
Matches 9; Conservative
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        TCATCGCCCCT 16
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AX629301/c
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Mammalia, Butheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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81.8%; Pred. No. 96;
tive 0; Mismatches 2; Indels
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Method for determining homeostasis of the skin
Petant: WO 0205374-A 6342 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 6470 from Patent WO02053774.
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Sequence 6342 from Patent W002053774.
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/db_xref="taxon:9606"

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    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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AX629301.1 GI:28457339
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Homo sapiens
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                              DB 1; Length 11;
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Sequence 7692 from Patent W002053774.
AX630651
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Seguence 8493 from Patent WO02053774.
AX631451
                                          30.0%; Score 7.8; DE 81.8%; Pred. No. 96; tive 0; Mismatches
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30.0%; Score 7.8; DB
Best Local Similarity 81.8%; Pred. No. 96;
Matches 9; Conservative 0; Mismatches
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81.8%; Pred. No. 96;
tive 0; Mismatches
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         /db_xref="taxon:9606"
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                                        Query Match
Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                             RESULT 200
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Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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                 Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 6808 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 7414 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 7414 from Patent WO02053774.
AX630373
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81.8%; Pred. No. 96;
tive 0; Mismatches
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Homo sapiens
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Best Local Similarity 81.8
Matches 9; Conservative
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Best Local Similarity 81.8
Matches 9; Conservative
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AX630305/c
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Homo sapiens (human)
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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Pred. No. 96;
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Petersohn,D., Conradt,M. and Hofmann,K.
Method for determining homeostasis of the skin
Patent: WO 02053774-A 9054 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
                                                                                                                                                                                                                Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Retent: WO 2025374-A 8979 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 9054 from Patent WO02053774.
AX632012
                                                   Sequence 8979 from Patent WO02053774. AX631937
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                                                                                                 AX631937.1 GI:28467552
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Best Local Similarity 81.8%;
Matches 9; Conservative
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Best Local Similarity 81.8%;
Matches 9; Conservative
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Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Machod and reagent for inhibiting HBV viral replication Patent: EP 1282296-A 417 05-MAR-2003;
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Herpes simplex virus unknown type
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
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81.8%; Pred. No. 96;
tive 0; Mismatches 2; Indels
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81.8%; Pred. No. 96;
tive 0; Mismatches 2; Indels
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Sequence 9691 from Patent WO02053774.
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Sequence 417 from Patent EP1288296.
AX711117
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/db_xref="taxon:9606"

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    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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                                                                       Hominidae; Homo.
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BD001687.1 GI:18626246
JP 2000342286-A/418.
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Best Local Similarity 81.8%;
Matches 9; Conservative
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1 CCCCCTGCCT 11
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BD091501/c
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BD001687
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synthetic construct
synthetic construct
other sequences; artificial sequences.

1 (bases 1 to 11)
Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G., Method and reagent for inhibiting viral replication
Patent: JP 200342285-A 418 12-DEC-2000;
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07/884431 E
07/884521 E
07/935854 E
07/948359 E
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14-MAY-1992 US 07/8828313,14-MAY-1992 US 07/882714
14-MAY-1992 US 07/882889,14-MAY-1992 US 07/882881
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14-MAY-1992 US 07/88442,14-MAY-1992 US 07/884333
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13-UUL-1992 US 07/88436,14-MAY-1992 US 07/884521
15-OCT-1992 US 07/93686,18-SEP-1992 US 07/9843584
26-MUG-1992 US 07/931686,18-SEP-1992 US 07/984359
15-OCT-1992 US 07/963322,07-DEC-1992 US 07/987129
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987129
MAYSENBET G DRAPER, LEC W DADYKTZ, JAMES A MACSWIGEN, PI D
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Method and reagent for inhibiting viral replication.
BD001258
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/organism='Artificial Sequence'
Location/Qualifiers
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07/882613,14-MAY-1992 US
07/88286,14-MAY-1992 US
07/882886,14-MAY-1992 US
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07/923738,26-AUG-1992 US
07/963322,07-DEC-1992 US
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/organism="synthetic construct"
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Pred. No. 96;
0; Mismatches
PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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11-MAY-1992 US 07/8826
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JP 2000342285-A/418
12-DEC-2000
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Best Local Similarity 81.8%;
Matches 9; Conservative
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PN JP 20003
PP 12-DEC-2
PF 01-MAY-1
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14-MAY-1992 U
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PAT 31-JAN-2002
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A61P31/14,A61P31/16,A61P31/18,A61P31/22,A61P35/02,C12Q1/68, PC
(C12N15/09,C12R1:93),C12N15/00,C12N5/00,A61K37/48,(C12N15/00, PC
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PI JAMES J HOLESEK,ANTHONY J MAMONE
PC C12N15/09,C12N5/10,C12N7/00//A61K38/43,A61K39/125,A61K39/13,
PC A61K39/135,
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                                                                                                               Synchetic construct
Synchetic construct
Synchetic construct
other sequences, artificial sequences.

E 1 (bases Lo 11)
S Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G.,
Holsek, J.J. and Namone, A.J.
Holsek, J.J. and Namone, A.J.
RIBOZYME PHARNACEUTICALS INC
OS Artificial Sequence
RN JP 2000342286-A/418
PN JP 2000342286-A/418
PP 01-MAY-2000 JP 2000132651
PR 11-MAY-1992 US 07/882689, 14-MAY-1992 US 07/882712
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07/882824 PR
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07/883821 PR
07/884033 PR
07/884131 PR
07/884521 PR
07/985854 PR
07/94359 PR
07/94359 PR
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14-MAY-1992 US 07/882689,14-MAY-1992 US 07/882841
14-MAY-1992 US 07/88286,14-MAY-1992 US 07/882824
14-MAY-1992 US 07/88286,14-MAY-1992 US 07/882821
14-MAY-1992 US 07/88289,14-MAY-1992 US 07/883823
14-MAY-1992 US 07/88349,14-MAY-1992 US 07/883823
14-MAY-1992 US 07/884074,14-MAY-1992 US 07/8844033
14-MAY-1992 US 07/884422,14-MAY-1992 US 07/884431
14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884431
14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884431
15-001-1992 US 07/933738,26-AUG-1992 US 07/935854
26-AUG-1992 US 07/93328,07-DEC-1992 US 07/935854
07/DEC-1992 US 07/93732,07-DEC-1992 US 07/938129
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987133
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987133
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BD001687 11 bp RNA linear Method and reagent for inhibiting viral replication.
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Location/Qualifiers
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    11
    forganism="synthetic construct"
/mol type="genomic RNA"
/db_xref="taxon:32630"

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; Pred. No. 96;
0; Mismatches
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Best Local Similarity
Matches 8; Conserv
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AR027855/c
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A52289
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1 WO 0132860-A/2
2 10-MAY-2001
2 15-FEB-2000 WO 2000JP000841
3 04-NOV-1999 JP 99P 314335
5 C12N15/11, C01G11/00, C01G13/04, C01G7/00, C07C323/52, C07H23/00 CC
Maf recognition element
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synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 10)
Strauss,M. and Bauer,D.
COMPLEX DIAGNOSTIC AGENT OF GENETIC EXPRESSION AND MEDICAL
DIAGNOSIS AND GENE ISOLATION PROCESS USING SAID DIAGNOSTIC AGENT
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Unknown.
Unclassified.
Unclassified.
Coughlan,S.J. and Winfrey,R.J. Jr.
Calreticulin genes and promoter regions and uses thereof Patent: US 6171864-A 14 09-JAN-2001;
Location/Qualifiers
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Pred. No. 1.1e+02;
0; Mismatches 2; Indels
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                                                                                Transcriptional activator
Patent: WO 0132860-A 2 10-MAY-2001;
OTSUKA PHARMACEUTICAL CO LTD, KOSUKE KATAOKA
OS Artificial Sequence
PN WO 0132860-A/2
PD 10-MAY-2001
PF 15-FEB-2000 WO 2000JP000841
PR 16-VOV-1999 JP 99P 314335
PI KOSUKE KATAOKA
PC C12N15/11, C01G11/00, C01G13/04, C01G7/00.C07
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                     other sequences; artificial sequences 1 (bases 1 to 13)
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Sequence 14 from patent US 6171864.
AR124568.1 GI:14109929
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Sequence 11 from Patent W09426928.
A41385. GI:2297104
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Best Local Similarity 81.8%;
Matches 9; Conservative
synthetic construct
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Best Local Similarity 70...
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Kataoka,K.
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AR124568/c
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Unclassified.
1 (bases 1 to 10)
Frank, B.L., Roberts, P.C., Goodchild, J., Craig, J.Charles. and Mills, J.S.
Oligonucleotides specific for hepatitis B virus
Patent: US 5856459-A 53 05-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bartnik, E.D. and Margerie, D.D.
Regulated genes by stimulation of chondrocytes with 1L-1beta Patent: EP 0705842-A 79 10-APR-1996;
HOECHST AG (DE)
Other publication ZA 9508381 960424
Other publication AP 8191693 960730
Other publication AZ 2159957 960407
Other publication AU 3308695 960418.
Location/Qualifiers
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Pred. No. 1e+02;
0; Mismatches 1; Indels
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Pred. No. 1e+02;
0; Mismatches 1; Indels
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                                                                              1..10
/organism="synthetic construct"
/mol_type="unassigned DNA"
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Patent: WO 9426928-A 11 24-NOV-1994; MAX PLANCK GESELLSCHAFT (DE) Other publication DE 4317414 940421. Location/Qualifiers
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Sequence 53 from patent US 5856459.
AR027855

    .10
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    /mol_type="unassigned DNA"
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Sequence 79 from Patent EP0705842.
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unidentified
unclassified sequences.
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88.9%;
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A52289.1 GI:2852024
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TITLE
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TITLE
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                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 10)

Reating,M.T. and Morris,C.A.

Diagnosis of Williams syndrome and Williams syndrome cognitive profile by analysis of the presence or absence of a LIM-kinase gene Patent: US 5858662-A 5 12-JAN-1999;

Location/Qualifiers
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Unclassified.
1 (Dassel to 10)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 280 19-JAN-1999;
Location/Qualifiers
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  Pred. No. 1e+02;
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Sequence 280 from patent US 5861244.
AR030091.1 GI:5943305
             Mismatches
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/mol_type="unassigned DNA"
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AR092702
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/mol_type="unassigned DNA"
                                                                                                                   Sequence 5 from patent US 585862.
AR028295
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 88.9%;
             Conservative
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                                                                                                         AR028295/c
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Eukaryota; Fungi; Asconycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Saccharomycetes;
B (bases 1 to 10)
Characterization of the yeast transcriptome
Characterization of the yeast transcriptome
L Patent: JP 2001509017-A 13 10-JUL-2001;
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Saccharomyces cerevisiae (yeast)
PN JP 2001509017-A/13
PD 10-JUL-2001
PF 22-JNN-1998 JP 1998532117
PR 23-JNN-1999 US 60/0359117
PR 23-JNN-1997 US 60/03591
PR 23-JNN-1997 US 60/03591
PR 197-CIRNISCULESCULESCULEBRY VOGELSTEIN, KENNETH W KINZLER PC CIRNIS/10, CIRNIS/11, CO7K14/395, CI2Q1/68, CI2Q1/02 CC
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1 (bases 1 to 10)

Keese, P., Stapper, M. and Perriman, R.

Ribozymes with optimized hybridizing arms, stems, and loops, tRNA embedded ribozymes and compositions thereof

Patent: US 6107078-A 14 22-AUG-2000;

Location/Qualifiers
1 (bases 1 to 10)

Keese, P., Stapper, M. and Perriman, R.

Ribozymes with optimized hybridizing arms, stems, and loops, tRNA
embedded ribozymes and compositions thereof
Patent: US 5998193-A 407-DEC-1999;
Location/Qualifiers
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Pred. No. 1e+02;
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Saccharomyces cerevisiae
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                                                                                                                                                                                       /mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 14 from patent US 6107078.
AR106686 AR106686.1 GI:12821216
                                                                                                                                                               /organism="unknown"
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Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity 88.2
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VERSION
KEYWORDS
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JOURNAL
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E 1 (bases 1 to 10)

S Nagai,S., Matsushima,K. and Hashimoto,S.
Human activated Thl and Th2 cell expression genes
Lyapan SCIENCE AND TECHNOLOGY CORP
PR 19 2002186482-A,192
PD 02-JUL-2002
PP 19 2002186482-A/192
PP 19 DEC-2000 JP 200385816
PI SHIGENORI NAGAI,KOJI MATSUSHIMA,SHINICHI HASHIMOTO PC
C12NIS,09,COTK14/47,COTNE(A18,C12P21/08,C12N15,00 CC
LOCATIO,Qualifiers
Location/Qualifiers
Location/Qualifiers
FT source
//organism='Homo sapiens (human)'.
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    .10
    /organism='Saccharomyces cerevisiae (yeast)'.

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unidentified
unidentified
unclassified.
1 (bases 1 to 10)
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
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                                                                                                                                                                    Query Match 28.5%; Score 7.4; DB 1; Length 10; Best Local Similarity 88.9%; Pred. No. 1e+02; Matches 8; Conservative 0; Mismatches 1; Indels
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    .10
/organism="Saccharomyces cerevisiae"
/mol type="genomic DNA"
/db_xrefc"taxon:4932"

Characterization of the yeast transcriptome FH Key Location/Qualifiers 1: 10 cource 1: 10 /organism='Saccharomyce FT
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Human liver disease-expressing genes.
BD166733 GI:27872545
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                   Location/Qualifiers
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Homo sapiens (human)
Homo sapiens
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BD166733/c
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BD161370/c
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unclassified.
unclassified.
unclassified.
l (bases 1 to 10)
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
Human liver disease-expressing genes
Patent: JP 2002209591-A 317 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 2002209591-A/317
PD 30-JUL-2002
PP 19-JAM-2001 JP 2001012328
PP 19-JAM-2001 JP 201012328
PP KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
                                                                                                              19-JAN-2001 JP 2001012328
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
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Location/Qualifiers
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Key Location/Qualifiers
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Human liver disease-expressing genes
Patent: JP 2002209591-A 278 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 2002209591-A/278
PD 30-JUL-2002
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JP 2002209591-A/317.
unidentified
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Best Local Similarity 88.2
8; Conservative
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C12N15/00
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Best Local Similarity
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PC C12N1:
PC C12P2:
PC C12N1:
CC Human
FH Key
FT source
                                                        OS Homo PP 20 PD 20 PD 30-JU PF 19-JA PD 19-JA PD C12N1 PP C12N1 PP C12N1 PP C12N1 PP C12N1 CC HUMAN FF Key
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1. .10
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                                                             Query Match 28.5
Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
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YAMASHITA
PC C12N1:
PC C12P2:
PC C12N1:
CC Human
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ACCESSION
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KEYWORDS
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BD166820
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BD166995/c
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ORGANISM
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AUTHORS
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AUTHORS
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unclassified.

E 1 (bases I to 10)
S Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
Human liver disease-expressing genes
L Patent: JP 2002209591-A 354 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 2002209591-A/354
PD 30-JUL-2002
PF 19-JAN-2001 JP 2001012328
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
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C12P21/08,
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C12P21/08,
                                                                                                                        unclassified.

1 (bases 1 to 10)

Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.

Human liver disease-expressing genes
Patent: JP 2002209591-A 334 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PP J9-2002209591-A/334
PP J9-JUL-2002
PP 19-JAN-2001 JP 2001012328
PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO
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Location/Qualifiers
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Key Location/Qualifiers
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Key Location/Qualifiers
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                                         Human liver disease-expressing genes.
BD166789
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BD166809

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                                                                    BD166789.1 GI:27872601
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JP 2002209591-A/354.
unidentified
                                                                                  JP 2002209591-A/334.
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Best Local Similarity 88.9
Matches 8; Conservative
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    RESULT 222
BD166789/C
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOUNCE
ORGANISM
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ACCESSION
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AUTHORS
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JOURNAL
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C12P21/08,
                                                          Gaps
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19-JAN-2001 JP 2001012328
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO
                                                                                                                                                                                                                                                                                              B1166820.1 GI:27872632

JP 2002209591-A/365.

Unidentified

unclassified.

1 (bases 1 to 10)

Matsushimar, K., Hashimoto, S., Kaneko, S. and Yamashita, T.

Human liver disease-expressing genes

Patent: JP 2002209591-A 365 30-JUL-2002;

JAPAN SCIENCE AND TECHNOLOGY CORP

OS Homo sapiens (human)

PR 2002209591-A/365
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Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
Human liver disease-expressing genes
Patent: JP 2002209591-A 540 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     organism='Homo sapiens (human)'.
               Score 7.4; DB 1; Length 10;
Pred. No. 1e+02;
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Key Location/Qualifiers
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1 BD166995
1 BD166995
1 G1:27872807
1 D 2002209591-A/540.
1 unidentified
2 unidentified
3 unidentified
4 unidentified
5 unidentified
6 unidentified
7 unidentified
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28.5%; Scc. No. 10. 88.5%; Pred. No. 10. Mismatches
                                                                                                                                                                                                                                                         Human liver disease-expressing genes.
BD166820
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Synthetic construct
Sw synthetic construct
construct
cother sequences, artificial sequences.
cother sequences; artificial sequences.
1 (bases 1 to 10)
S Beaudry,G.A., Madden,S.L. and Bertelsen,A.H.
Compositions and methods for the identification of lung tumor cells
Compositions and methods for the identification of lung tumor cells
Compositions and methods for the identification of lung tumor cells
D STATELIST CORP.
SOCIETY CORP.
D SOCIETY CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PAT 17-JUL-2003
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1 (bases 1 to 10)

Roberts, B.L. and Shankara, S. Preparation and use of superior vaccines Patent: JP 2002534056-A 56 15-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C12N1/21, C12N5/10, C12P21/08, C12Q1/68, G01N33/15, G01N33/53, PC
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   Compositions and methods for the identification of lung tumor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/089853 PR
60/090079 PR
60/08993 PR
60/080072 PR
60/089991 PR
60/090048 PR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism='Artificial Sequence'. Location/Qualifiers
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18-JUN-1999 US
19-JUN-1999 US
-JUN-1998 US
60/090039,19-JUN-1998 US
9-JUN-1998 US
9-JUN-1998 US
60/090035,19-JUN-1998 US
60/089997,19-JUN-1998 US
60/089997,19-JUN-1998 US
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60/0899878,19-JUN-1998 US
60/0899878,19-JUN-1998 US
60/089999,19-JUN-1998 US
60/089999,19-JUN-1998 US
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    .10
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    ^db_xref="taxon:32630"

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JP 2002534056-A/56
                                                                                       BD225340.1 GI:33035110 JP 2002509707-A/22.
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JP 2002534056-A/56.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity 88.3.
Best Local 8; Conservative
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G01N33/566/
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BD238638/c
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ORGANISM
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                                                                                                                                               C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02,
C12P21/08,
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                        30-JUL-2002
19-JAN-2001 JP 2001012328
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19-JAN-2001 JP 2001012328
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
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1 (bases 1 to 10)
Matsuahima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
Human liver disease-expressing genes
Patent: JP 2002209591-A 541 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 20022059591-A/541
PD 30-JUL-2002
                                                                                                                                                                                                                                                                                                                     /organism='Homo sapiens (human)'.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28.5%; Score 7.4; DB 1; Length 10; llarity 88.9%; Pred. No. 1e+02; Conservative 0; Mismatches 1; Indels
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Key
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Key Location/Qualifiers
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BD166996

    .10
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

    .10
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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   2002209591-A/540
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PN JP 20
PD 30-JU
PF 19-JA
PI KOJI J
YAMASHITA
PC C12PNI
PC C12PNI
PC C12PNI
PH KEY
FT SOUTCE
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BD225340/c
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JOURNAL
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BRUCE L ROBERTS, SRINIVAS SHANKARA
C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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Eukaryota.

Eukaryota.

Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;

Hominidae; Homo.

1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.

Preparation and use of superior vaccines

Patent: JP 2002534056-A 202 15-OCT-2002;

GENZYME CORP
19-JUN-1998 US 60/090042,19-JUN-1998 US 60/080036 PR 19-JUN-1998 US 60/0890844 PR 19-JUN-1998 US 60/089844 PR 19-JUN-1998 US 60/089984 US 60/089981 US 60/089981 US 60/089991 US 60/089991 US 60/090077 PR 19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090077 PR 60/090078,19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090045 PR 60/090645 PR PRUCE L ROBERTS, SRINIVAS SHANKARA PC CLIZNIS/09, CIZNIS/09, A61R39/00, A61P35/00, A61P37/04, CIZNI/15,
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G01N37/00,
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60/090036
60/089844
60/089833
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/organism='Homo sapiens (human)'.
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60/090041,19-JUN-1998 US
60/090035,19-JUN-1998 US
60/090035,19-JUN-1998 US
60/0900015,19-JUN-1998 US
60/090000,19-JUN-1998 US
60/090000,19-JUN-1998 US
60/0900042,19-JUN-1998 US
60/090044,19-JUN-1998 US
60/090044,19-JUN-1998 US
60/090000,19-JUN-1998 US
60/090000,19-JUN-1998 US
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60/090076,19-JUN-1998 US
60/090076,19-JUN-1998 US
60/060000,19-JUN-1998 US
60/060000,19-JUN-1998 US
60/060000,19-JUN-1998 US
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60/060000,19-JUN-1998 US
60/0600000,19-JUN-1998 US
60/060000,19-JUN-1998 US
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19-JUN-1998 US 60/0900:
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JP 2002534056-A/202
15-OCT-2002
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JP 2002534056-A/202.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity
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G01N37/00,
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PN JP 20025
PD 15-OCT-2
PF 18-JUN-1
PR 19-JUN-1
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19-UIN-1998 US 60/089997,19-UIN-1998 US 60/090079 PR
19-UIN-1998 US 60/089997,19-UIN-1998 US 60/090079 PR
19-UIN-1998 US 60/089997,19-UIN-1998 US 60/089993 PR
19-UIN-1998 US 60/089997,19-UIN-1998 US 60/089991 PR
19-UIN-1998 US 60/08998,19-UIN-1998 US 60/080043 PR
19-UIN-1998 US 60/08999,19-UIN-1998 US 60/090043 PR
19-UIN-1998 US 60/08094,19-UIN-1998 US 60/090043 PR
19-UIN-1998 US 60/09004,19-UIN-1998 US 60/090043 PR
19-UIN-1998 US 60/090080,19-UIN-1998 US 60/090047 PR
19-UIN-1998 US 60/091080,19-UIN-1998 US 60/090047 PR
19-UIN-1998 US 60/091081,19-UIN-1998 US 60/090047 PR
19-UIN-1998 US 60/091081,19-UIN-1998 US 60/090047 PR
19-UIN-1998 US 60/091081,19-UIN-1998 US 60/091047 PR
19-UIN-1998 US 60/091081,19-UIN-1998 US 60/091047 PR
19-UIN-1998 US 60/0910976,19-UIN-1998 US 60/091047 PR
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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60/08983 F6
60/080993 P
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                                                                                                 'organism='Homo sapiens (human)'.
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                       Preparation and use of superior vaccines Key
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1 (bases 1 to 10)

Probrus, B.L. and Shankara, S.

Preparation and use of superior vaccines

Patent: JP 2002534056-A 392 15-0CT-2002;
                                                                                                                                                                                                                                                                                                                              0; Mismatches
C12N15/00, C12N5/00, C12N15/00
                                                                                                                                                     1. .10
/organism="Homo sapiens"
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                                                                                                                                                                                                     /mol_type="genomic_DNA"
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/organism≂"Homo sapiens"
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19-JUN-1998 US 60/0900:
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                                                                              1. .10
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JP 2002534056-A/392
15-OCT-2002
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JP 2002534056-A/392.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity 88.90,
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G01N37/00
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SOURCE
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ORGANISM
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BD239549
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AUTHORS
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      ACCESSION
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                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Location/Qualifiers
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C C12N15/00,C12N5/00,C12N15/00
C Preparation and use of superior vaccines
Location/Qualifiers
                                                                                                                                                                                                                 10 bp DNA Preparation and use of superior vaccines. BD239042
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1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.

Preparation and use of superior vaccines
Patent: JP 2002534056-A 460 15-OCT-2002;

GENZYME CORP
  Pred. No. 1e+02;
); Mismatches
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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DP 2002534056-A/460
15-OCT-2002
18-JUN-1999 US 60/09003
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JP 2002534056-A/460.
88.9%;
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Homo sapiens
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  Similarity 88.5
8; Conservative
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PN JP 2002
PD 15-OCT-2
PF 18-JUN-1
PR 19-JUN-1998 U
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Matches 8; Conserv
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  Best Local
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BD239042/c
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ORGANISM
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                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini; Homoninidae; Homo.

1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 896 15-OCT-2002;

GENZYME CORP
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1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines patent: JP 2002534056-A 967 15-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               BRUCE L ROBERTS, SRINIVAS SHANKAKA
C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
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60/089993
60/089991
60/080999
60/090048
60/090048
60/090048
60/090047
60/090077
60/090045
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60/089853
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Key
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Preparation and use of superior vaccines.
BD239549
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9-JUN-1998 US 60/09003
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JP 2002534056-A/896
15-OCT-2002
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JP 2002534056-A/967.
   GI:33049248
BD239478.1 GI:3304924
JP 2002534056-A/896.
Homo sapiens (human)
Homo sapiens
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Homo sapiens
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Best Local Similarity 88.5-
Loca 8; Conservative
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    .10
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

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of superior
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JP 2002534056-A/1020
15-OCT-2002
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JP 2002534056-A/1020.
Homo sapiens (human)
Homo sapiens
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BD239602
       19-7UN-1998 US
PI BRUCE L ROE
PC CIZRIS/09,00
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LOCUS
DEFINITION
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AUTHORS
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1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1007 15-OCT-2002;
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60/090079 PR
60/089993 PR
60/090072 PR
60/089991 PR
60/090048 PR
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60/080079
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60/080981
60/080884
60/089884
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60/080833
60/080833
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15-OCT-2002

R 19-JUN-1998 US 60/090039, 19-JUN-1998 US 67

9-JUN-1998 US 60/090041, 19-JUN-1998 US 67

19-JUN-1998 US 60/090041, 19-JUN-1998 US 67

19-JUN-1998 US 60/090035, 19-JUN-1998 US 67

19-JUN-1998 US 60/089992, 19-JUN-1998 US 67

19-JUN-1998 US 60/089878, 19-JUN-1998 US 67
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Preparation and use of superior vaccines
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                             JP 2000554749
US 60/09003
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              Homo sapiens (human)
JP 2002534056-A/967
15-OCT-2002
18-JUN-1999 JP 200055,
19-JUN-1998 US 60/6
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JP 2002534056-A/1007
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GENZYME CORP
OS Homo sapien
PN JP 2002546
PD 15-OCT-2002
PF 18-UN-1998
19-UN-1998 US
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PN JP 2025
PP 18-07-2
PP 18-07N-1
PR 19-07N-1998 U
19-07N-1998 U
19-07N-1998 U
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BD239589
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C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
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19-JUN-1998 US 60/090039,19-JUN-1998
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C C12N15/00,C12N5/00,C12N15/00
C Preparation and use of superior vacc
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1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.

Preparation and use of superior vaccines
Patent: JP 2002534056-A 1020 15-OCT-2002;
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60/090076,19-JUN-1998
60/111715
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28.5%;
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Homo sapiens (human)
Homo sapiens
Query Match
Best Local Similarity 88.5
Lag 8; Conservative
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BD240481
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BD239766/c
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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60/090079 PR
60/090072 PR
60/090912 PR
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                                                                                                                   /organism='Homo sapiens (human)'.
Location/Qualifiers
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Preparation and use of superior vaccines
Key
                 GOIN37/00,
C12N15/00,C12N5/00,C12N15/00
Preparation and use of superior vaccines
Key Location/Qualifiers
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60/080042, 19-JUN-1998 U
60/080044, 19-JUN-1998 U
60/08080, 19-JUN-1998 U
60/08994, 19-JUN-1998 U
60/080078, 19-JUN-1998 U
60/080078, 19-JUN-1998 U
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BD239667
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2002534056-A/1085.
Homo sapiens (human)
Homo sapiens
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88.9%;
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Best Local Similarity 88.9
Matches 8; Conservative
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G01N37/00,
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1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of Superior vaccines
Patent: JP 2002534056-A 1184 15-OCT-2002;
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28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 1e+02; ive 0; Mismatches 1; Indels
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C C12N15/00,C12N5/00,C12N15/00
C Preparation and use of superior vaccines
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
JP 2002534056-A/1184
15-OCT-2002
18-JUN-1999 US 60/090039,19-JUN-1998
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60/090031,19-UVN-1998 US
60/090031,19-UVN-1998 US
60/089972,19-UVN-1998 US
60/0900001,19-UVN-1998 US
60/090042,19-UVN-1998 US
60/090044,19-UVN-1998 US
60/090044,19-UVN-1998 US
60/090044,19-UVN-1998 US
60/090044,19-UVN-1998 US
60/090044,19-UVN-1998 US
60/090076,19-UVN-1998 US
60/090076,19-UVN-1998 US
60/090076,19-UVN-1998 US
                                                                                                                                                                                                    Preparation and use of superior vaccines.
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Pred. No. 1e+02;
0; Mismatches
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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19-70N-1998 US
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Best Local Similarity
Matches 8; Conserv
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BD242837
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            JOURNAL
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                                                          COMMENT
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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                                                                                                                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria, Euarchontoglires; Primates; Catarrhini; Hominidae, Homo.

1 (bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1899 15-OCT-2002;
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1 (bases 1 to 10)
Roberts, B. L. and Shankara, S.
Preparation and use of superior vaccines
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60/089991
60/090048
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60/090077 E
60/090047 E
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60/090031,19-JUN-1998 US
60/080937,19-JUN-1998 US
60/08997,19-JUN-1998 US
60/08997,19-JUN-1998 US
60/08997,19-JUN-1998 US
60/080000,19-JUN-1998 US
60/0900042,19-JUN-1998 US
60/090044,19-JUN-1998 US
60/090080,19-JUN-1998 US
60/090080,19-JUN-1998 US
60/090080,19-JUN-1998 US
60/090080,19-JUN-1998 US
60/090078,19-JUN-1998 US
60/090078,19-JUN-1998 US
60/090078,19-JUN-1998 US
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Preparation and use of superior vaccines. BD240481
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/organism="Homo sapiens"
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JP 2002534056-A/1899
15-OCT-2002
18-JUN-1999 US 60/090039
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                                              BD240481.1 GI:33050251
JP 2002534056-A/1899.
                                                                                            Homo sapiens (human)
Homo sapiens
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Matches 8; Conservative
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                                              VERSION
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19-JUN-1998 US 60/090041.19-JUN-1998 US 60/090953 PR 69-JUN-1998 US 60/09997,19-JUN-1998 US 60/09997,19-JUN-1998 US 60/09997,19-JUN-1998 US 60/09997,19-JUN-1998 US 60/09993 PR 69-JUN-1998 US 60/09992,19-JUN-1998 US 60/09993 PR 69-JUN-1998 US 60/09992,19-JUN-1998 US 60/099991 PR 69-JUN-1998 US 60/09904,19-JUN-1998 US 60/09904 PR 69-JUN-1998 US 60/09907 PR 69-JUN-1998 US 69-JUN-19
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1 (bases 1 to 10)
Cheval,L., Elalouf,J.M. and Virlon,B.
Microassay for continuous analysis of gene expression and its application
                                                                                                                                                                                                                       US 60/09004(60/09093) PR 60/09093 PR 60/09093 PR 60/09093 PR 60/090043 PR 60/090043 PR 60/09093 PR 60/09094 PR 60/090047 PR 60/090045 PR 60/090047 PR 60/090045 PR
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Preparation and use of superior vaccines
Key
Patent: JP 2002534056-A 2020 15-OCT-2002;
GENZYME CORP
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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US 60/09003
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                                                                         Homo sapiens (human)
JP 2002534056-A/2020
15-OCT-2002
18-JUN-1999 JP 2000554
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JP 2002535012-A/27.
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synthetic construct
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CS050730.1 GI:61889940
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           28.5%;
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synthetic construct
Query Match
Best Local Similarity 88.2
Best Local Similarity 88.2
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Best Local Similarity 88.9
Matches 8; Conservative
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CS050731
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                                                                                                                                          RESULT 243
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
                                                                                                                                                                                                                                                                                                                                                                                                                                           Schlegel, R., Endege, W.O. and Monahan, J.E.
Genes differentially expressed in human prostate cancer and their
                                                                                                                                                         Gaps
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/organism='Artificial Sequence'
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Millennium Predictive Medicine, Inc. (US)
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Sequence 65 from Patent WO2004070059.
CQ857806
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Similarity 88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Woudenberg, T., Bahatt, D., Sharaf, M., Liu, T., Connell, C.,
Ermakov, S., Hyldig-Nielsen, J., Schroeder, B., Vatta, P. and Bloch, W.
Compositions, methods, and kits for fabricating coded molecular
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Score 7.4; DB 1; Length 10;
Pred. No. 1e+02;
0; Mismatches 1; Indels
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Applera Corporation (US)
Location/Qualifiers
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Applera Corporation (US)
Location/Qualifiers
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Ermakov,S.
Compositions, methods, and kits for assembling probes comprising
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Compositions, methods, and kits for assembling probes comprising
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/mol_type="unassigned DNA"
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Patent: WO 2005024021-A 15 17-MAR-2005;
Applera Corporation (US)
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Patent: WO 2005024021A 16 17-MAR-2005;
Applera Corporation (US)
Location/Qualifiers
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           Sequence 15 from Patent WO2005024021.
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Sequence 16 from Patent WO2005024021.
CS056330 GI:62241970
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E54779
E54779.1 GI:2255626
JP 2001211883-A/131.
Homo sapiens (human)
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Multiplex detection compositions, methods, and kits
Patent: W0 2005021804-A 16 10-MAR-2005,
Applera Corporation (US)
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Multiplex detection compositions, methods, and kits
Patent: WO 2005021804-A 15 10-MAR-2005;
Applera Corporation (US)
Location/Qualifiers
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Customized oligonucleotide microchips that convert multiple genetic information to simple patterns, are portable and reusable Patent: US 6458584-A 65 01-OCT-2002;
University of Chicago, Chicago, IL
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         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 too 10)
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T. Human normal liver cell expression genes Satent: 19P 2001211883-A 131 07-AUG-2001, SCIENCE & TECH AGENCY.

OS Homo sapiens (human)
PN JP 2001211883-A/131
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Sequence 65 from patent US 6458584.
AR234531
AR234531.1 GI:27277235
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Sequence 16 from patent US 6461871.
AR236019.1 GI:27279404
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31-JAN-2000 JP 2000023170
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/organism="unknown"
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CTCCTCATC 9
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Matches 8; Conserv
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AR234531
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Ludin,C., Wikstroem,P., Svendsen,L.G. and Schulze,A.
Oligopeptide derivatives for the electrochemical measurement of
protease activity
Patent: US 6495336-A 139 17-DBC-2002;
Pentapharm AG;;
CHX;
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Location, Blalout, J.-M. and Virlon, B.

Method of obtaining a library of tags capable of defining specific state of a biological sample batent: US 5506561-A 28 14-JAN-2003;

Commissariat a l'Energie Afomique and Centre National de l Recherche Scientifique-CNRS; Paris;
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Unclassified.

1 (bases 1 to 10)

Kubista, M., Svanvik, N. and Westman, G.
Method for the preparation of a probe for nucleic acid hybridization
Patent: US 6461871-A 16 08-0CT-2002;
Lightup Technologies AB; Huddinge;
SEX;
                                                                                                                                                                                                                                                Score 7.4; DB 1; Length 10;
Pred. No. 1e+02;
0; Mismatches 1; Indels
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Pred. No. 1e+02;
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Sequence 139 from patent US 6495336.
AR266776
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/mol_type="genomic DNA"
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Unclassified.
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PAT 12-JUN-2003

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

TITLE JOURNAL

FEATURES

REFERENCE AUTHORS

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ò g AR303698

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Unclassified.
1 (bases 1 to 10)
Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and
                                                                                                                                                                                                                                                               Method for synthesizing cDNA from mRNA sample
Patent: US 6544736-A 464 08-APR-2003;
Nippon Gene Co., Ltd. and Agene Research Institute Co., Ltd.;
Tokyo;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Device for generating an offset of transported flexible sheet material Patent: US 6588746-A 1261 O8-UUL-2003; NexPress Solutions LLC; Rochester, NY; DEX;
                                                                                                                                                                                                                                                                                                                                                                                                                                 28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 1e+02; ive 0; Mismatches 1; Indels
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                                                                                   AR303739 10 bp DN
Sequence 464 from patent US 6544736.
AR303739 GI:31692515
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1 (bases 1 to 10)
Dobrindt, D. and Fischer, U.
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AR351719/c
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Unclassified.
1 (bases 1 to 10)
Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and
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Unclassified.
1 (bases 1 to 10)
Shimamoto, A., Furuichi, Y., Shibata, Y., Funaki, H., Ohara, E. and Watahiki, M.
Wethod for synthesizing cDNA from mRNA sample
Patent: US 6544736-A 457 08-APR-2003;
Nippon Gene Co., Ltd. and Agene Research Institute Co., Ltd.;
                                                                                   Gaps
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Method for synthesizing cDNA from mRNA sample
Patent: US 6544736-A 423 08-ARR-2003;
Nippon Gene Co., Ltd. and Agene Research Institute Co., Ltd.;
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28.5%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1e+02;
Matches 8; Conservative 0; Mismatches 1; Indels
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Sequence 457 from patent US 6544736.
AR303732.1 GI:31692508
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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PAT 17-AUG-2003

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Patent: WO 0138577-320 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 320 from Patent W00138577.
AXIS2405

    10. 10
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AX152405/c
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                          1 (bases 1 to 10)
Dobrindt, D. and Fischer, U.
Device for generating an offset of transported flexible sheet
material
Patent: US 6588746-A 1263 08-JUL-2003;
NexPress Solutions LLC; Rochester, NY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Device for generating an offset of transported flexible sheet
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1 (bases 1 to 10)

1 (bases 1 to 10)

1 (bases 1 to 10)

Steron, M. S., Goldstein, J. L., Russell, D.W. and Sudhof, T. C.

Sterol Regulatory Elements

Patent: US 2256545-A 10 26-0CT-1993;

Board of Regents, The University of Texas System; Austin,

Location/Qualifiers
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Sequence 1264 from patent US 6588746.
AR351722 GI:33753518
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Patent: US 6588746-A 1264 08-JUL-2003;
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/organism="unknown"
/wol_type="genomic DNA"
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/organism="unknown"
                                                                                                                                   Location/Qualifiers
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Unclassified.
1 (bases 1 to 10)
Dobrindt,D. and Fischer,U.
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AR351722/c
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Location/Qualifiers
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                                      Score 7.4; DB 1; Length 10;
Pred. No. 1e+02;
0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="linker"
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synthetic construct
other sequences; artificial sequences.
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Sequence 27 from Patent EP1024201.
/mol_type="genomic DNA"
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                                      h 28.5%;
Similarity 88.9%;
8; Conservative 0
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Homo sapiens (human)
Homo sapiens
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Best Local Similarity 88.9
Matches 8; Conservative
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AX152575
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Patent: WO 0138577-A 338 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Patent: WO 0138577-472 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
                                                AX152423
Sequence 338 from Patent WO0138577.
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                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 489 from Patent WO0138577.
AX152574
AX152574.1 GI:14534225
                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
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Best Local Similarity 88.5-
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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                                                                                                Velculescu, V.E., Vogelstein, B. and Kinzler, K.W. Human transcriptomes
Patent: WO 0.138577-A 489 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Patent: WO 0138577-A 490 31-MAY-2001;
The Johns Hopkins University (US)
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Human transcriptomes
Patent: WO 0138577-A 529 31-MAY-2001;
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Sequence 490 from Patent WO0138577.
AX152575
AX152575.1 GI:14534226
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 529 from Patent WO0138577.
AX152614
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8; Conservative
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Best Local Similarity
Matches 8; Conserv
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AX153579
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AX301337
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VERSION
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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                                                                                                    Score 7.4; DB 1; Length 10;
Pred. No. 1e+02;
0; Mismatches 1; Indels
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Patent: WO 0136577-A 732 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Patent: WO 0138577-A 743 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 743 from Patent WO0138577.
AX152828
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/db_xref="taxon:9606"

    .10
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    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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/db_xref="taxon:9606"
                                1. .10
/organism≃"Homo sapiens"
The Johns Hopkins University (US)
Location/Qualifiers
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Homo sapiens
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                                                                                                   Query Match 28.5
Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity
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DEFINITION
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AX152817/c
LOCUS
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Mammalia; Butheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Buarchontoglires; Primates; Catarrhini;
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                                                                                                                                                                                           linear
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Pred. No. 1e+02;
0; Mismatches 1; Indels
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Patent: WO 0.138577-A 1222 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Patent: WO 0138577-A 1494 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 1494 from Patent WO0138577.
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    /db_xref="taxon:9606"

  Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX153579.1 GI:14535230
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88.9%;
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Gaps

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FEATURES

PAT 30-NOV-2001

linear

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Tumor markers in ovarian cancer
Patent: WO 0175177-A 125 11-OCT-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
                                     Versteeg, R. and Caron, H.N.
Myc targets
Patent: WO 0185941-A 217 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Versteeg, R. and Caron, H.N.
Myc targets
Patent: WO 185941-A 253 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
                                                                                                                                                                                                                  28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 1e+02; cive 0; Mismatches 1; Indels
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/db_xref="taxon:9606"
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AX301539
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Homo sapiens
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Best Local Similarity 88.9
Matches 8; Conservative
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          Hominidae; Homo.
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Matches 8; Conserv
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KEYWORDS
SOURCE
ORGANISM
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AUTHORS
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JOURNAL
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                                                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
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Patent: WO Ol85941-A 216 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
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    .10
    /organism="Homo sapiens"
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    /db_xref="taxon:9606"

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Sequence 217 from Patent WO0185941.
AX301503
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Sequence 216 from Patent WO0185941.
AX301502
Sequence 51 from Patent W00185941.
                                                                                                                                                                                           Versteeg, R. and Caron, H.N. Myc targets
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                                                     AX301337.1 GI:17382420
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                                                                                    Homo sapiens (human)
Homo sapiens
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Homo sapiens
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nes 8; Conservative
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AX301502

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PAT 30-NOV-2001

linear

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RESULT 277 AX377234/c

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PAT 26-MAR-2003
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Position dependent recognition of gnn nucleotide triplets by zinc
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Position dependent recognition of gnn nucleotide triplets by zinc
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0; Mismatches 1; Indels
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/organism="synthetic construct"
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/noTe="example target DNA"
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/db_xref="teaxon:32630"
/nofe="example target DNA"
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Patent: WO 0242459-A 1261 30-MAY-2002;
Sangamo Biosciences Inc. (US)
Location/Qualifiers
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Patent: WO 0242459-A 1263 30-MAY-2002;
Sangamo Biosciences Inc. (US)
Location/Qualifiers
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synthetic construct
other sequences; artificial sequences
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Sequence 1263 from Patent WO0242459.
AX667814
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Sequence 1264 from Patent W00242459.
AX667815.1 GI:29291352
                                                                                  10 bp Dl
Sequence 1261 from Patent WO0242459.
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8; Conservative (
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Matches 8; Conservative
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 10 CAACGCCCC 2
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AX667815/c
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AX667812/c
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Vaccine against RSV
Barent: W0 0211761-A 42 14-FEB-2002;
HERRY W. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY
MEDICINE (US)
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                                               Query Match 28.5%; Score 7.4; DB 1; Length 10; Best Local Similarity 88.9%; Pred. No. 1e+02; Matches 8; Conservative 0; Mismatches 1; Indels
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Choi,J.Y., Kazemi,A. and Koshy,B.
Haplotypes of the nfkbib gene
Patent: WO 0212497-A 35 14-FEB-2002;
Genaissance Pharmaceuticals, Inc. (US)
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other sequences; artificial sequences.
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 35 from Patent WO0212497.
AX377234
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Sequence 42 from Patent WO0211761.
AX465374
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/organism="Homo sapiens"
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Homo sapiens
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Matches 8; Conservative
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Matches 8; Conservative
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17 TCCTAAGCA 25
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Composition and methods for the identification of lung tumor cells
Patent: EP 1310556-A 22 14-MAY-2003;
GENZYME CORPORATION (US)
                                                                     Liu, Q.
Position dependent recognition of gnn nucleotide triplets by zinc
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Homo sapiens (human)

Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
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BD007796 1 GI:18636169
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1 (bases 1 to 10)

Matsuabhima,K., Hashimoto,S. and Suzuki,T.

Batent: JP 2001069993-A 72 21-MAR-2001;

JAPAN SCIENCE AND TECHNOLOGY CORP
                                                                                                                                                                     /organism="synthetic construct"
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/db_xref="taxon:32630"
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Patent: WO 0242459-A 1264 30-MAY-2002;
Sangamo Biosciences Inc. (US)
Location/Qualifiers
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                                           other sequences; artificial sequences
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Sequence 22 from Patent BP1310556.
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Best Local Similarity 88.3%,
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             synthetic construct
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BD007796
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                                                       REFERENCE
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JOURNAL
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KEYWORDS
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                                                                                 TITLE
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OS Homo sapiens (human)
PN JP 2001069993-A/72
PD 21-MAR-2001
PP 28-APR-2000
PR 28-APR-2000 JP 2000131079
PR KOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI PC C12N15/09, C07K14/47, C07K16/18, G01N33/50, G01N33/53//A61K45/00, PC A61P29/00,
PC A61P31/00, C12P21/08, C12N15/00
CC FT Key Location/Qualifiers
FT Source /organism='Homo sapiens (human)'.
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PN JP 2001069993-A/163
PN JP 201069993-A/163
PP 21-MAR-2001
PF 28-APR-2000
PF 28-APR-2000
PF 28-APR-2000
PF 28-APR-2000
PF COLINIS/09, COTXIA/447, COTXIG/18, GOIN33/50, GOIN33/53//AGIK45/00, PC A61P31/00, C12P21/08, C12N15/00
PC A61P31/00, C12P21/08, C12N15/00
PC CC
PF Key Location/Qualifiers
FT Source 1. 10
FT FOURTH FT FOUND SAPIEMEN (human) ...
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                       Location/Qualifiers
1. .10
/organism='Homo sapiens (human)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 28.5%; Score 7.4; DB 1; Length 10; Best Local Similarity 88.9%; Pred. No. 1e+02; Matches 8; Conservative 0; Mismatches 1; Indels
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1 (bases 1 to 10)
Matsushima, K., Hashimoto, S. and Suzuki, T.
LPS activated human monocyte expressing genes
Patent: JP 2001069993-A 163 21-MAR-2001;
OS Homo sapiens (human)
PN JP 2001069993-A/163
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LPS activated human monocyte expressing genes.
BD007887
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

    .10
    /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BD007887.1 GI:18636260
JP 2001069993-A/163.
Homo sapiens (human)
Homo sapiens
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Search completed: May 9, 2006, 16:58:22 Job time: 0.001 secs

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GenCore version 5.1.8
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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OM nucleic - nucleic search, using sw model

Run on:

May 9, 2006, 16:54:32 ; Search time 0.001 Seconds (without alignments) 70.356 Million cell updates/sec

US-09-904-968A-4-COPY 26

1 ccacctcatcgccccttcctaagcat 26 Title: Perfect score: Sequence:

IDENTITY\_NUC Gapop 10.0 , Gapext 0.5 Scoring table:

126 segs, 1353 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Database :

Issued Patents - NA Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 127 summaries issdb4:\*

			A			SUMMARIES	
Rea	Result No.	Score	Query	Length	DB	ID	Description
	н		49.2	18	-	US-08-983-605-11	Sequence 11. Appl
	~			17	Н	US-09-866-108A-242	equence 242,
O	ო			17	-	US-09-866-108A-7555	755
	4			15	Н	US-08-291-932A-33	33, 7
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	ω,		٠	15	-	US-08-291-932A-153	153,
	7			15	-	US-08-291-932A-158	158,
	œ	10.8		15	ч	-08	162,
	σ	10.8	•	15	Н	US-08-363-240A-119	119.
	10		41.5	15	-	US-08-363-240A-120	120.
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O	12	9.4	36.2	12	٦	US-09-196-523-49	49
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U	15	6	34.6	10	~	US-08-476-712-1	7
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	17		33.8	12	Н	US-08-623-891-31	31,
	18	•	ë.	12	-	US-08-173-489C-262	Sequence 262, App
	19	•	œ.	12	-	US-09-340-861-31	31,
	20	8.8	ë.	12	-	US-09-634-262-31	31,
	21	8.4	ä	10	Н	US-08-335-565A-23 4	23,
	22	8.4	'n	10	٦	US-08-233-608-44	44,
	23	8.4	'n	10	٦	US-08-887-480-44	44
U	24	8.4	32.3	10	٦	US-08-173-489C-223	223,
	25	8.4	ä	10	-	US-08-722-187-44	44, 7
U	56	8.4	ď	10	-	US-08-388-353-83	83,
U	27	8.4	•	10	-	US-08-388-353-191	191,
ΰ	28	8.4	ď	10	-	US-08-488-551B-83	83, 7
υ	53	8.4	'n	10	н	US-08-488-551B-191	191
	30	8.4	ä	10	Н	PCT-US95-04712-44	44, 4
	31	8.4	ς.	11	-	US-08-173-489C-60	60,
U	32	8.4	32.3	11	Н	US-09-196-523-16	16,
U	33	8.4	32.3	12	-	US-08-441-887A-334	334,

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2 1 US-09-043-149-54 2 1 US-09-874-601-13 2 1 US-09-874-601-13 1 US-08-796-899-21 0 1 US-08-796-899-21 0 1 US-08-796-899-21 0 1 US-08-796-899-21 0 1 US-09-442-054A-6 0 1 US-09-941-042C-3 1 US-08-357-180B-1 1 US-08-137-489C-3 1 US-08-137-489C-3 1 US-08-137-489C-3 1 US-08-137-489C-3 1 US-08-137-489C-3 1 US-08-137-489C-3 1 US-08-678-192A-2 1 US-08-78-88-35-88	1 US-08-353-353-310-353-353-353-353-353-353-353-353-353-35	1 US-08-173-191-1 1 US-08-173-191-1 1 US-08-173-191-1 1 US-08-1905-1567-1 1 US-08-1905-1567-1 1 US-08-1905-1567-1 1 US-08-1908-153-1 1 US-08-1908-153-1 1 US-08-1908-153-1 1 US-08-1908-153-1 1 US-08-1908-153-1 1 US-08-1908-151-1 1 US-08-1908-151-1
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yoonggang
APPLICANT: PENN, Sharron G.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
APPLICANT: GLEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ABONICA-T
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: ROGET, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Microsatellite Markers for Plants of the Geof
TITLE OF INVENTION: Said Markers
TITLE OF INVENTION: Said Markers
FILE REPERENCE: 2936.10400
CURRENT PPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
BARLIER PILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
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US-08-488-551B-289
US-08-488-551B-290
US-08-488-551B-291
US-08-488-551B-291
US-08-491-277-12
US-08-719-337-12
US-08-740-781B-12
US-08-764-52A-3
US-08-764-528-3
US-08-764-528-3
US-08-764-528-3
US-08-764-528-3
US-09-7538-52
US-09-645-757-27
US-09-645-757-27
US-09-508-753B-52
US-09-508-753B-52
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US-08-956-518A-110
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US-09-866-108A-242
'S Sequence 242, Application US/09866108A
'Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 11, Application US/08983605A Patent No. 6720137 GENERAL INFORMATION:
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LENGTH: 18
TYPE: DNA
ORGANISM: Triticum aestivum
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US-08-983-605-11
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYSOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-4
PRIOR PILING DATE: 2000-10-4
PRIOR PILING DATE: 2000-10-4
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2001-01-30
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82.4%; Pred. No. 13;
iive 0; Mismatches 3;
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR PAPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-4
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PELING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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US-09-866-108A-7555/c
; Sequence 7555, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: JU, Yizhong
; APPLICANT: JV, Yonggang
; APPLICANT: PENN, Sharron G.
. APPLICANT: PENN, Sharron G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 CCTCATCGCCCCTTCCT 20
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Best Local Similarity 82.4*
Matches 14; Conservative
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ORGANISM: Homo sapiens
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                                                                                          DB 1; Length 15;
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COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 61crage
COMPUTER: IBM Compatible
OPERATING SOFTWARE: WORD PERFORMED SOFTWARE: WORD PERFORMED SOFTWARE: WORD PERFORMED SOFTWARE: WORD PERFORMED SOFTWARE: US, 1994
CLASSIFICATION DATA: 100104ing application PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION DATA: described below:
RAPLICATION NUMBER: 07/987,132
RILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
RILING DATE: DECEMBER: 07/987,132
ATTORNEY/AGENT INFORMATION:
NAME: WAIDLIG, RICHARD J.
REGISTRATION NUMBER: 2,327
REGISTRATION NUMBER: 2,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: BISASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NP-KB
NUMBER OF INVENTION: NP-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEB: LYON & LYON
                                                                                   41.5%; Score 10.8; I 78.6%; Pred. No. 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-291-932A-126
; Sequence 126, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
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INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                           1 CCACCTCATCGCCC 14
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                                                                                                                                                         Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                   Query Match
Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity Matches 9: Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: ]
US-08-291-932A-126
                    US-08-291-932A-33
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                                                                                                                                                                                                                                                                                  셤
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7555
LENGTH: 17
TYPE: DNA
ORGANISM: APPLICATION NUMBER: APPLICATION APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1; Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: MAY 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33, Application US/08291932A
Sequence 33, Application US/08291932A
Fatent No. 5650780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIADZYME TREATMENT OF
TITLE OF INVENTION: RIADZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NP-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 82.4%; Pred. No. 13;
Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: Word Perfect 5.0
SOPTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 208/157 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9 TCGCCCCTTCCTAAGCA 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 TGGCCCCGTCATAAGCA 1
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(213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                          US-09-866-108A-7555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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Gaps

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41.5%; Score 10.8; DB 1; Length 15; 64.3%; Pred. No. 20; tive 3; Mismatches 2; Indels
                                                                                                                                                                                                                                                      STATE: LOS ANGELES
CITY: LOS ANGELES
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5. Diskette, 1.44 Mb
MEDIUM TYPE: 1BM Compatible
OPERATING SYSTEM: 1BM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US, 08/21, 932A
FILING DATE: August 15, 1994
CLASSIFICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 162, Application US/08291932A

Patent No. 5688780

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB

NUMBER OF SEQUENCES: 830
DISEASES OR CONDITIONS RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 158:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11 GCCCCTTCCTAAGC 24
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Matches 9; Conservative
TITLE OF INVENTION: BEL-
TITLE OF INVENTION: NF-,
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lv
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US-08-291-932A-162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: AUGUST 15, 1594

PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 32,327
REFIERCAMION TOWNER: 32,327
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 153:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                     Sequence 153, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: StinchComb, Dan T.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-291-932A-158

Sequence 158, Application US/08291932A

Sequence 158, Application US/08291932A

Patent No. 5658700

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth G.

APPLICANT: Draper, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STOTAGE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: WORD PERFECT 5.1
CURREMY APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GUCCCUUCCUCAGC 14
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-291-932A-153
                                  RESULT 6
US-08-291-932A-153
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DB 1; Length 15;
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Patent No. 5705388

GENERAL INFORMATION:
APPLICANT: Coulture, Larry
APPLICANT: Bisgaier, Charles
APPLICANT: Bisgaier, Charles
APPLICANT: Bisgaier, Charles
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
ITILE OF INVENTION: METHOD AND REAGENT FOR
ITILE OF INVENTION: PREVENTION, INHIBITION OF
ITILE OF INVENTION: PROGRESSION AND REGRESSION
ITILE OF INVENTION: PROGRESSION AND REGRESSION
ITILE OF INVENTION: PROGRESSION
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Score 10.8; DE; Pred. No. 20; 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: WATDUTG, RICHARD
REGISTATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
                           FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: WARDING, NICHARG
REGISTRATION NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPAN: (213) 489-1600
TELEFAN: (213) 489-1600
TELEFAN: (213) 955-0440
TELEFAN: (213) 555-0440
INPORMATION FOR SEQ ID NO: 119:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 120:
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71.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 CCACCUUCUCGCCC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 CCACCTCATCGCCC 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 71.49
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-363-240A-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                          MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFCATION DATA:
PRIOR APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: NECEMBER: 7, 1992
ATTORNEY/AGENT INFORMATION:
MAME: Warburg' Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMUNICATION INFORMATION:
TELEGOMUNICATION INFORMATION:
TELEGOMUNICATION INFORMATION:
TELEGOMUNICATION OR SEQ ID NO: 162:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 119, Application US/08363240A

Sequence 119, Application US/08363240A

RENERAL INFORMATION:
APPLICANT: Conture, Larry
APPLICANT: Moswiggen, James
APPLICANT: Moswiggen, James
APPLICANT: Biggaier, Charles
APPLICANT: Biggaier, Charles
APPLICANT: Begoin, Michael
ITILE OF INVENTION: PREVENTION, INHIBITION OF
ITILE OF INVENTION: PREVENTION, INHIBITION OF
ITILE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
STREET: Galifornia
COUNTRY: U.S.A.
INFOLING TYPE: Storage
CONPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
COMPUTER: MADIUGATION SYSTEM: IBM P.C. DOS 5.0
SOFTWARR: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4; Mismatches
                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7 CATCGCCCCTTCCT 20
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Best Local Similarity 57.1
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-363-240A-119
COUNTRY:
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COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKTTE-3.50 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: APPLE MACINTOSH POWERBOOK 520
OPERATING SYSTEM: MACINTOSH
SOFTWARE: WORD PERFECT 3.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,126
FILING DATE: 07-UTN-1995
CLASSIFICATION: 435
PRIOR APPLICATION APAR:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 14
US-08-467-126-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
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APPLICANT: Weterings, Koen

APPLICANT: Apuya, Nestor R.

APPLICANT: Tatarinova, Tatiana

APPLICANT: Tatarinova, Tatiana

APPLICANT: To Regents of the University of California

TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription

FILE REFERENCE: 023070-114700US

CURRENT APPLICATION NUMBER: US/09/724,857

CURRENT APPLICATION NUMBER: US/09/724,857

CURRENT FILING DATE: 2002-05-06

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 49, Application US/09196523A
Patent No. 6248525
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Method for Identifying and Inactivating Essential or
TITLE OF INVENTION: Functional Genes
FILE REFERENCE: 111 130
CURRENT APPLICATION NUMBER: US/09/196,523A
CURRENT APPLICATION NUMBER: 60/079,851
EARLIER PILING DATE: 1998-03-30
NUMBER OF SEQ ID NOS: 52
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                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Description of Artificial Sequence:H-AP56 forward
) OTHER INFORMATION: primer
US-09-724-857-35
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                                                                                                                                             Score 10.8; DB 1; Length 15;
Pred. No. 20;
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                                                                                                                                                                                          Indels
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US-09-196-523-49
                                                                                                                                                                                          2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 35, Application US/09724857 Patent No. 6855866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                               Query Match
Best Local Similarity 71.4%;
Matches 10; Conservative
                                                                                                                                                                                                                                     1 CCACCTCATCGCCC 14
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               LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
SEQUENCE CHARACTERISTICS:
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                                                                                   linear
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US-09-196-523-49/c
                                                                                ; TOPOLOGY: ]
US-08-363-240A-120
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LENGTH: 12
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 Score 9.4; DB 1; Length 12;
Pred. No. 26;
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Pred. No. 28;
0; Mismatches 1; Indels
                                          1; Indels
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Fatent No. 5776744
GENERAL INFORMATION:
APPLICANT: GLAZER, PETER M.
APPLICANT: LIN, L. MICHAEL
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: BFFECTING HOMOLOGOUS RECOMBINATION
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                  RESULT 13

US-10-129-192A-2

Sequence 2, Application US/10129192A

Patent No. 6908761

GENERAL INFORMATION:

APPLICANT: KATAOKA, Kohsuke

TITLE OF INVENTION: TRANSCRIPTION ACTIVATOR

FILE REFERENCE: 069817

CURRENT FILING DATE: 2002-05-05

PRIOR APPLICATION NUMBER: PCT/JP00/00841

PRIOR APPLICATION NUMBER: PCT/JP00/00841

PRIOR APPLICATION NUMBER: PT 1999-314335

PRIOR PILING DATE: 1999-11-04

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn version 3.2

LENGTH: 13
                                          0; Mismatches
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US-10-129-192A-2
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     36.2%;
90.9%;
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Ouery Match
Best Local Similarity 90.9
Matches 10, Conservative
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Best Local Similarity 90.9
Matches 10; Conservative
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                                                                               3 ACCTCATCGCC 13
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                                                                                                                12 ACCGCATCGCC 2
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STATE: MARYLAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial
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INFORMATION FOR SEQ ID NO: 1
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Matches 9, Conservative
                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                          CITY: Atlanta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12 CCCCTTCCT 20
             US-09-411-291-1/c
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US-08-623-891-31
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Sequence 1, Application US/08476712

Sequence 1, Application US/08476712

Sequence 1, Application US/08476712

GENERAL INFORMATION: Triple-Helix Forming Oligonucleotides for TITLE OF INVENTION: Targeted Mutagenesis

TITLE OF INVENTION: Targeted Mutagenesis

TUTLE OF INVENTION: Targeted Mutagenesis

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSER: Patrea L. Pabst

STREET: 1201 West Peachtree Street

COUNTRY: USA

STATE: GA

CONFUTER: Floppy disk

COMPUTER: Floppy disk

COMPUTER: EACHTING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIN Release #1.0, Version #1.25

CURSSIFICATION UNBER: US/08/476,712

FILING DATE: TARGARMATING

APPLICATION NUMBER: US/08/476,712

FILING DATE: TARGARMATING

APPLICATION NUMBER: US/08/476,712
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                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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                                                                                                                                                                                                                                                                                                                                                                    34.6%; Score 9; DB 1;
100.0%; Pred. No. 24;
tive 0; Mismatches
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KARTA, GLENN E.
REGISTRATION NUMBER: 30,649
REFERENCE/DOCKET NUMBER: PA-0030
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-227-2058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
REFERRNCE/DOCKET NUMBER: YULL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404)-873-8794
TELEFAX: (404)-873-8794
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            34.6%
Query Match
Best Local Similarity 100.0
Matches 9, Conservative
                                                                                                                                                                                                                                                                                                                                                               Query Match 34.6
Best Local Similarity 100.
Matches 9; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                     12 CCCCTTCCT 20
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US-08-467-126-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-476-712-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-476-712-1
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US-US-TIL-2-1-1/.

| Sequence 1, Application US/09411291
| Patent No. 6303376
| GENERAL INFORMATION: The Patence INFORMATION: Triple-Helix Forming Oligonucleotides for Triple OF INVENTION: Triple OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: GA
COUNTRY: USA
ZIP: 30109-3450
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DATE: PLOPS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/411,291
FILING DATE: 04-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION ADATA:
APPLICATION NUMBER: 08/476,712
ATTORRAY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
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Patent No. 5795778
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INVIBITING HERPES SIMPLEX
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Patrea L. Pabst
STREET: 2800 One Atlantic Center
1201 West Peachtree Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      34.6%; Score 9; DB 1
100.0%; Pred. No. 24;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
REFERENCE/DOCKET NUMBER: YUll4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404)-873-8794
TELEFAX: (404)-873-8795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
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LENGTH: 10 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & STREET: 611 West & CITY: Los Angeles
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APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 CCTCATCGCCCC 15
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US-08-173-489C-262

US-08-173-489C-262

Sequence 262, Application US/08173489C

Patent No. 5861244

GENERAL INFORMATION:

APPLICANT: WANG, C. -G.

TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA

TITLE OF INVENTION: TRIPLE-STRAND FORMATION.

NUMBER OF SEQUENCES: 365

CORRESPENDENCE ADDRESS:

ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,

STREET; SIO EAST 73RD STREET,

CITY: NEW YORK

STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Indels
                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: 1BM Compatible
OPERATING SYSTEM: 1BM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION: 435
PRIOR APPLICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 10021.

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION 3435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                              FILING DATE:
APPLICATION NUMBER: US/07/29,20,20
FILING DATE:
APPLICATION NUMBER: US/07/987,133
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
RAME: WATCHING NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (713) 955-0440
TELEFAX: (713) 955-0440
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 75.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 CCTCATCGCCCC 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
    California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-623-891-31
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Gaps
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                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: third strand derived from Frankia sp DESCRIPTION: third strand derived from Frankia sp HYPOTHETICN: 23s region in Seq ID No. 5861244261 HYPOTHETICAL: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE: no-
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 262:FROM 1 TO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
COMPUTER: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
FILLIGATION NUMBER: US/09/340,861
FILLIG DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 31, Application US/09340861

Sequence 31, Application US/09340861

GENERAL INFORMATION:

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: INHIBITING HERPES SIMPLEX

TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES:

CORRESPONDENCE ANDRESS:

ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 09518-6
TELECOMMUNICATION INFORMATION:
TELEPAX: (attorney) (212) 708-1880
INFORMATION FOR SEQ ID NO: 262:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRICK APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: MAY 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
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1 CCUCCACGCCCC 12
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33.8%; Score 8.8; DB 1; Length 12;
Best Local Similarity 75.0%; Pred. No. 32;
Matches 9; Conservative 1; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-634-262-31

Sequence 31, Application US/09634262

Patent No. 6440719

GENERAL INFORMATION:

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING HERPES SIMPLEX

TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES: 115

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS (Version 5.0) SOFTWARE: WordPerfect (Version 5.1) CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/634,262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REPERENCE/DOCKET NUMBER: 200/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
                                                                                                                                                                                                                                                                                                       4 CCTCATCGCCCC 15
                                                                                                                                                                                                                                                                                                                                               1 ccuccaccccc 12
                                                                                        ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-340-861-31
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; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-634-262-31
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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4 CCTCATCGCCCC 15

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Sequence 44, Application US/08233608

Patent No. 5582410N:
Patent No. 55824210N:
Patent No. 55824210N:
APPLICANT: Ligon, James M
APPLICANT: Ligon, James J
TITLE OF INVENTION: Detection of Fungal Pathogens Using the TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 8.4; DB 1; Length 10;
Pred. No. 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Indels
; Sequence 23, Application US/08335565A; Patent NO. 5527671
; GENERAL INFORMATION:
APPLICANT: Li, Kening
APPLICANT: Rouse, Douglas I.
APPLICANT: APPLICANT: ASSAY FOR VERTICILLIUM DAHLIAE
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles and Brady
STREET: 1 South Pinckney St., PO BOX 2113
CITY: Madison
                                                                                                                                                                                                                                                                                            STATE: WI
COUNTRY: USA
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPASIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/335,S65A
FILLING DATE:
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J
REGISTRATION NUMBER: 27,386
REFERRNCE/DOCKET NUMBER: 9602:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32.3%;
90.0%;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 90.00,
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STATE: NY
COUNTRY: USA
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1 TTATCGCCCC 10
      nucleic acid
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                                                                                                    HYPOTHETICAL: NAME ANTI-SENSE: NO
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US-08-887-480-44

i Sequence 44, Application US/08887480

j Parent No. 5814453

i GENERAL INFORMATION:

APPLICANT: Beck, James J

ITILE OF INVENTION: Detection of Fungal Pathogens Using the

ITILE OF INVENTION: Polymerase Chain Reaction

NUMBER OF SEQUENCES:

ADDRESSEE: No. 5814453artis Corporation

STREET: 520 White Plains Road

CITY: Tarrytown

STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10591

MEDIUM TYPE: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,480
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,608
                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Oligonucleotide primer OPE-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC 1739/PCT/CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
TELEFAX: 919-541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                   APPLICATION:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. MURTAY
RAGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 32,943
REFERENCE/DOCKET NUMBER: GGC 1739
TELEPHONE: 919-541-8615
TELEPHONE: 919-541-8689
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/722,187
FILING DATE: 15-0CT-1996
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 44:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          32.3%;
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LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                32.3
Best Local Similarity 90.0
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-233-608-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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STEANDERSSES single

TOPOLOCY: lines single

MOLECULE TYPES OTHER INCLESC SOID

MOLECULE TYPES OTHER INCLESC SOID

MARCHE TYPES OTHER INCLESC SOID

MARCHE SOID

DESCRIPTION: Oligonacleotide primer OFF-12

MARCHETALIA SENSER: NO

DESCRIPTION: Oligonacleotide primer OFF-12

MARCHETALIA SENSER: NO

DESCRIPTION: Oligonacleotide Soil Soil Sequence 223, Application Us/OB173489C

MARCHE OLIMINATION: About Sequence 223, Application Us/OB173489C

MARCHETAL INCOMMANTON: About Sequence 223, Application Us/OB173489C

MARCHETAL INCOMMANTON: About Sequence 223, Application Us/OB173489C

MARCHETAL INCOMMANTON: About Sequence 224, Application Us/OB173489C

MARCHETAL INCOMMANTON: About Sequence 225, Application Us/OB173489C

MARCHETAL INCOMMANTON: About Sequence 225, Application Us/OB173489C

MARCHETAL INCOMMANTON: About Sequence 225, Application Us/OB173489C

MARCHETAL SID BAST 73RD STREET, SIGHA, 144Mb Storage COMPERSON MARCHETAL SID BAST 73RD STREET, SID BAST 73RD STR
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ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BE PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                ; Sequence 83, Application US/08388353 ; Patent No. 6010895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION UNDRER: 31,346
REFERENCE/DOCKET UNDRER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFX: (516) 742-436
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 83:
                                                                                                                                                                                                                                                                                                                                                                                               400 Garden City Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: DNA (genomic) US-08-388-353-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 32.3
Best Local Similarity 90.0
Matches 9; Conservative
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                               1 TTATCGCCCC 10
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                                                                                                                                                                                                                                                                                                                                                                                                                    Garden City
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                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic
STRANDEDNESS:
                                                                                                          RESULT 26
US-08-388-353-83/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 44, Application US/08722187
Patent No. 5955274
GENERAL INFORMATION:
APPLICANT: Ligan, James M
APPLICANT: Beck, James J
TITLE OF INVENTION: Detection of Fungal Pathogens Using the TITLE OF INVENTION: Polymerase Chain Reaction NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                              Query Match 32.3%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 30; Matches 9; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 32.3%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 30; Matches 9; Conservative 0; Mismatches 1; Indels
structures of Escherichia coli MRE 600 23S ribosomal RNA Comparison with models of secondary structure for maize chloroplast 23S TRNA and for large portions of mouse and human 16S mitochondrial rRNAs
                                                                                                                                                                                    RELEVANT RESIDUES IN SEQ ID NO: 223 : FROM 1 TO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 10532

ZIP: 10532

MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/722,187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Other nucleic acid
Oligonucleotide primer OPE-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/233,608
FILING DATE: 04-ARR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: CGC 1739
TELECHONE: 919-541-8666
TELEFAX: 919-541-8666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Ciba-Geigy Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: NY
COUNTRY: USA
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SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: 11
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
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                                                                                                                                                                   1981
TITLE: St
TITLE: ri
TITLE: SE
TITLE: R
TITLE: 16
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PAGES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 27
US-08-388-353-191/C
US-08-388-353-191/C
Sequence 191, Application US/08388353
Sequence 191, Application US/08388353
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: McPhee, Dale A.
APPLICANT: Cooper, Jeanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
COORRESPONDENCES: ADDRESSE: Scully, Scott, Murphy & Presser
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Croyer, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
                                                                                                                                                                                                                                              Scully, Scott, Murphy & Presser
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32.3%; Score 8.4; DB 1; Length 10; 90.0%; Pred. No. 30; ative 0; Mismatches 1; Indels
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Sequence 191, Application US/08488551B

Patent No. 6015661

GENERAL INFORMATION:
APPLICANT: Dale A. McPhee

APPLICANT: Dale A. McPhee

APPLICANT: David Cooper

TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

NUMBER OF SEQUENCES: 841

CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, MURPHY & PRESSER

CORRESPONDENCE ADDRESS:
COUTLY, AURTHAN ATHORY AND ADDRESSER

CORRESPONDENCE ADDR
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STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY PLAZA
CITY: GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: PW3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PW0284 (AU)
FILING DATE: 12-FEB-1994
APPLICATION NUMBER: PW0284 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: US/08/383
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: US/08/383
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: SW3021/95
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: 18-FEB-1995
APPLICATION NUMBER: 17-MAY-1995
APPLICATION NUMBER: 18-FEB-1995
APPLICATION NUMBER: 18-FEB-1995
APPLICATION NUMBER: US/08/383
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4366
INFORMATION FOR SEQ ID No: 83: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: mucleic acid
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
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Best Local Similarity 90.0-
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MOLECULE TYPE: DNA
US-08-488-551B-83
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APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
COMESSONDENCES: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STRATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER PRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PATENTIN PROCOMPATION DATA:
PRILING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
                                                                                                                                                               COMPUTER LISTO

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,353

FILING DATE: 14-FEB-1995

CLASSIFICATION: 424

ATCORNEY/AGENT INFORMATION:

NAME: DiGiglio, Frank S.

REFISHATION NUMBER: 31,346

REFISHATION NUMBER: 31,346

TELEPAN: (516) 742-4366

TELEFAX: (516) 742-4366

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APPLICATION NUMBER: PN3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PN4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PN0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: PN0284 (AU)
FILING DATE: US - DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MBER: 1994
13-DEC-1994
WRRR: US 08/388,353
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12.08-488-551B-83/c
; Sequence 83, Application US/08488551B
; Patent No. 6015661
         STREET: 400 Garden City Plaza
CITY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                            United States
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Best Local Similarity 90.0
Matches 9; Conservative
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                                          CITY: Gar
STATE: Ne
COUNTRY:
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| Sequence 44, Application PC/TUS9504712
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: Ligon, James M
| APPLICANT: Beck, James M
| TITLE OF INVENTION: Polymerase Chain Reaction
| TITLE OF INVENTION: Polymerase Chain Reaction
| NUMBER OF SEQUENCES: 86
| CORRESPONDENCE ADDRESS: 86
| STREET: 7 Skyline Drive CITY: Hawthorne CITY: Hawtho
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                                                                                                                                                                                                      32.3%; Score 8.4; DB 1; Length 10; 90.0%; Pred. No. 30;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
COMPATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04712
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                                                                                                                                                                                                                                                                                             0; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/233,608
FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: GGC 1739
TELEPHONE: 919-541-8666
TELEPHONE: 919-541-8669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 31
US-08-173-489C-60
; Sequence 60, Application US/08173489C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                              Query Match 32.3
Best Local Similarity 90.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
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Best Local Similarity 90.0
Matches 9; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                          1 CCACCTCATC 10
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                              TOPOLOGY: linear;
MOLECULE TYPE: DNA
US-08-488-5518-191
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STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCT-US95-04712-44
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GENERAL INFORMATION:

APPLICANT: WANA, C. d.

APPLICANT: WANA, C. d.

TITLE OF INVESTION: GENERIC SEQUENCE ASSAY USING DNA TITLE OF INVESTION: GENERIC SEQUENCE ASSAY USING DNA TITLE OF INVESTION: GENERIC SEGUENCES, INC., STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, INC., STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, INC., STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, INC., CONFIRM: NOW THAT YORK STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, INC., CONFIRM: NOW THAT YORK STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, INC., CONFIRM: NOW THAT STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, INC., CONFIRM: NOW THAT STREET: $10 EAST 7280 STREET; SIGNERIC SEGUENCES, SIGNERIC SEGUENCES, SEGUEN
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Gaps
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                                                                                                                                                                                               APPLICANT: Chee, Mark
APPLICANT: Chee, Mark
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Huang, Xiaohua X.
APPLICANT: Hubell, Earl A.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lobban, Peter B.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Biological Chips
NUMBER OF SEQUENCES: 360
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                    Score 8.4; DB 1; Length 11;
Pred. No. 34;
                                                                                                          1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence:; OTHER INFORMATION: oligonucleotide
US-09-196-523-16
                                                                                                         0; Mismatches
LENGTH: 11
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                    32.3%;
                                                                                   Query Match 32.3
Best Local Similarity 90.0
Matches 9; Conservative
                                                                                                                              1 CCACCTCATC 10
                                                                                                                                          11 CCACGTCATC 2
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US-08-441-887A-334/c
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Sequence 134, Application US/09874601

Sequence 134, Application US/09874601

Patent No. 6632057

GENERAL INFORMATION:

APPLICANT: LEWIN, ALFRED S.

APPLICANT: SHAW, LYNN C.

TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOL TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES

FILE REFERENCE: 4300.014100

CURRENT FILING DATE: 2001-05-01

PRIOR PILING DATE: 1998-04-21

PRIOR PILING DATE: 1998-04-21

PRIOR FILING DATE: 1997-05-09

PRIOR FILING DATE: 1997-04-21

NUMBER OF SEQ ID NOS: 182

SOFTWARE: Patentin version 3.0

SEQ ID NO 134

LENGTH: 12 ö ö Gaps Gaps ö ó Score 8.4; DB 1; Length 12; Pred. No. 38; 0; Mismatches 1; Indels Query Match 32.3%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 38; Matches 9; Conservative 0; Mismatches 1; Indels NAME/KEY: misc\_feature | LOCATION: ()..() | THER INORMATION: SYNTHETIC OLIGONUCLEOTIDE | US-09-874-601-134 ; OTHER INFORMATION: oligonucleotide US-09-043-149-54 32.3%; TYPE: DNA ORGANISM: Artificial Sequence Query Match 32.3 Best Local Similarity 90.0 Matches 9; Conservative 17 TCCTAAGCAT 26 14 CCTTCCTAAG 23 11 TCCTCAGCAT 2 10 CTTTCCTAAG 1 US-09-874-601-134/c US-09-043-149-54/c Š g ਨੇ

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CORRESPONDENCE ADDRESS:
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                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                               Score 8.4; DB 1; Length 12; Pred. No. 38; 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 33301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC-T/US94/08023
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,198
FILING DATE: 15-JUL-1993
ATTONEEY/AGENT INPOMBATION:
NAME: AND ATTONEEY ATTONEEY AND ATTONEEY ATTONEEY AND ATTONEEY ATTONEY AT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 16, Application US/08796899
Patent No. 6160202
GENERAL INFORMATION:
APPLICANT: BUSTOS, Mauricio M
APPLICANT: GHERN, Maw-Sheng
TITLE OF INVENTION: TRANSCRIPTION PACTORS
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
REFERENCE/DOCKET NUMBER: FL20979-34
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
STATE: F. COUNTRY: USA
                                 32.3%;
90.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genómic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
Query Match
Best Local Similarity 90.0°
Earling 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 32.3
Best Local Similarity 90.0
Matches 9; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                     15 CTTCCTAAGC 24
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PADRESSES: Burne Doans, Swecker & Mathis

STREET: P.O. Box 404

CITY: Alexandia

STWTE: Virgina

STWTE: STWTE: Patentin Relame #1.0, Version #1.30

STWTE: STWTE:
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TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 8; Conserv
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LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                                                                                                                                                    Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: BUSTOS, MAURICIO M
APPLICANT: CHERN, Maw-Sheng
ITILE OF INVENTION: MODIFICATION OF SEED CROPS WITH
ITILE OF INVENTION: TRANSCRIPTION PACTORS
NUMBER OF SEQUENCES: 32
CORRESPONDENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. BOX 1404
CITY: Alexandria
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRELL
CITY: Alexaux...
STATE: Virginia
STATE: Virginia
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/796,899
FILING DATE: 06-FEB-1997
FILING DATE: 06-FEB-1997
                                                                                                                                                                                                                                                                                                                  Query Match 30.8%; Score 8; DB 1;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 8; Conservative 0; Mismatches
            NAME: Meuth, Donna M
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 028754-005
FELECOMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
FELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 06-FEB-1997
CLASSIFICATION BATA:
APPLICATION NUMBER: US 08/319,544
FILING DATE: 07-0CT-1994
ATTONNEY, AGENT INFORMATION:
NAME: Meuth, Donna M
REGISTRATION NUMBER: 36,607
REFERENCE DOCKET NUMBER: 02754-005
TELECHONEY, CANAGATION:
TELECHONE: (703) 836-620
TELECHONE: (703) 836-620
TELECHONE: (703) 836-2021
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 21, Application US/08796899 Patent No. 6160202
                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic) US-08-796-899-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic)
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                  1 CCACCTCA 8
                                                                                                                                                                                                                                                                                                                                                                                                                       2 CCACCTCA 9
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US-08-796-899-21
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GENERAL INFORMATION:
APPLICANT: Evcler, David J.
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Neihel
APPLICANT: Berg, Rolf H.
APPLICANT: Berg, Rolf H.
APPLICANT: Berg, Rolf H.
APPLICANT: Mollegaard, Neils E.
TITLE OF INVENTION: Higher Order Structure And Binding Of Peptide Nucleic Acids
FILE REFERENCE: IS184290
CURRENT APPLICATION NUMBER: U8/09/442,054A
FRIOR APPLICATION NUMBER: 08/471,907
PRIOR FILING DATE: 1995-06-07
PRIOR FILING DATE: 1993-04-26
PRIOR FILING DATE: 1992-05-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NOS: 89
ILENGTH: 10
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                                                               GENERAL INC. 87.2130.

APPLICANT: Bentley, William E.

APPLICANT: Gill, Ryan T.

TITLE OF INVENTION: Method of Differential Display of Prokaryotic Messenger

TITLE OF INVENTION: RNA by RTPCR
FILE REPERENCE: Bentley et al., Method of . . .

CURRENT FILING DATE: 2000-03-24

PRIOR APPLICATION NUMBER: PROV 60/126,038

PRIOR APPLICATION NUMBER: PROV 60/126,038

PRIOR PILING DATE: 1999-03-25

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: synthesized US-09-534-366A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 10;
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Best Local Similarity 100.0%; Pred. No. 35;
Matches 8; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    30.8%; Score 8; DB 1;
100.0%; Pred. No. 35;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: No. 6770738el Sequence US-09-442-054A-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-442-054A-69
; Sequence 69, Application US/09442054A
; Patent No. 6770738
US-09-534-366A-20/c
; Sequence 20, Application US/09534366A
; Patent No. 6759195
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APPLICANT: Hanecak, Ronnie C.
APPLICANT: Vickers, Timothy A.
APPLICANT: Vickers, Timothy A.
APPLICANT: Watt, Jacqueline
APPLICANT: Yogen S. Sanghvi
TITLE OF INVENTION: Improved Methods for Synthetic Unrandomization
TITLE OF INVENTION: of Oligomer Fragments
CORRESPONDENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSES: Woodcock Washburn Kurtz Mackiewicz and No. 5698391ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 11;
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COUNTRY: U.S.A.
ZIP: 19103
ZIP: 19103
COMPUTER READBLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA: NA
APPLICATION NUMBER: US/08/357,396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 30.8%; Score 8; DB 1;
Best Local Similarity 62.5%; Pred. No. 40;
Matches 5; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ISIS-1745
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 749,000
FILING DATE: 23-AUG-1991
PRIOR APPLICATION NUMBER: US 196,103
FILING DATE: 22-FBB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ralph, Rebecca L.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-174
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                       NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152.
REFERENCE, DOCKET NUMBER: 1SIS-
TELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION:
FELETAX: 215-568-3100
FELETAX: 215-568-310
FELETAX: 215-568-310
FELETAX: 215-568-310
FELETAX: 215-568-310
FELETAX: 215-568-310
FENGTH: 11 base pairs
FYPE: nucleic acid
STRANDEDNESS: single
FYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: RNA (genomic)
US-08-196-103A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-357-396-9; Sequence 9, Application US/08357396; Patent No. 5698391; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Philip Dan Cook
APPLICANT: Ecker, David J.
APPLICANT: Brilce, Thomas A.
APPLICANT: Brilce, Thomas A.
APPLICANT: Davis, Peter
APPLICANT: Driver, Vickie
APPLICANT: Freier, Susan, M.
          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 215-568-3439
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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                                                                                                                                                                                                                 Sequence 3.42-2.5
Sequence 3.4 Application US/09941042C
Patent No. 6911541
GENERAL INFORMATION:
APPLICANT: Conkling, Mark A.
APPLICANT: Li, Yan
TITLE OF INVENTION: TRANGENIC PLANTS CONTAINING MOLECULAR DECOYS THAT ALTER PROTEIN
TITLE OF INVENTION: THEREIN
FILE REFERENCE: 5051-471W0
CURRENT APPLICATION NUMBER: US/09/941,042C
CURRENT APPLICATION NUMBER: US 60/229,198
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 4
SEQ ID NO 3
LENGTH: 10
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APPLICANT: Anderson, Kevin
APPLICANT: Anderson, Kevin
APPLICANT: Barice, Thomas A.
APPLICANT: Bruice, Thomas A.
APPLICANT: Bruice, Thomas A.
APPLICANT: Brainer, Vickie
APPLICANT: Hancak, Ronnie C.
APPLICANT: Hancak, Ronnie C.
APPLICANT: Wyatt, Jaqueline
TITLE OF INVENTION: Synthetic Unrandomization of Oligomer
TITLE OF INVENTION: Synthetic Unrandomization of Oligomer
TITLE OF LINVENTION: One Liberty Place - 46th Floor
CONFUTER: Philadelphia
STATE: PA LIAGORY disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Philadelphia
COMPUTER: Philadelphia
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
ADDITIONAL MANADOR INCANTOR AND ADDITIONAL AND ADDITIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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Best Local Similarity 100.0%; Pred. No. 35;
Matches 8; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 43
US-08-196-103A-9
; Sequence 9, Application US/08196103A
; Patent No. 5672472
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial sequence
CCCTTCCT 20
                                   1 CCCTTCCT 8
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nucleic acid
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cccuuccu 8
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ANTI-SENSE: yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-227-180B-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 47
US-08-623-891-104
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                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                     Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and ADDRESSEE: No. 574725Aris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTEX: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,141
                                                                                                                                                                       Auery Match
30.8%; Score 8; DB 1;
Best Local Similarity 62.5%; Pred. No. 40;
Matches 5; Conservative 3; Mismarches
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40;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Mismatches
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CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/032,852
FILING DATE: 16 MAR 1993
APPLICATION NUMBER: US/07/749,000
FILING DATE: 23-AUG-1991
ATTORNEY AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
30.8%; Score 8;
Best Local Similarity 62.5%; Pred. No.
Matches 5; Conservative 3; Mismatc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFRENCE/DOCKET NUMBER: ISIS-0653
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9. Application US/08386141
Patent No. 5747253
GENERAL INFORMATION:
APPLICANT: Ecker, David J.
APPLICANT: Davis, Peter
APPLICANT: Vickers Timethy A.
TITLE OF INVENTION: COMBINATORIAL
TITLE OF INVENTION: IMMUNOABSORBAN
TITLE OF INVENTION: FACTORS AND OI
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)
US-08-386-141-9
                                                                                                    TOPOLOGY: linear MOLECULE TYPE: RNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 11 base pairs TYPE: nucleic acid STRANDEDNESS: single
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 11 bases pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                    13 CCCTTCCT 20
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                                                                                                                                                                                                                                                                                           FILING DATE:
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US-08-386-141-9
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MESULY 6.

MESULY 1.000-14

MESULY 1.000-14

Sequence 14, Application US/09271309

Sequence 14, Application US/09271309

Secuence 14, Application US/09271309

SERENAL INFORMATION:

APPLICATION: Exter et al.

APPLICATION: Exter et al.

APPLICATION: Modulation of Gene Expression

TILES DE INVESTION: Modulation of Gene Expression

TILES DE INVESTION: Modulation of Gene Expression

TILES DE INVESTION: Modulation of Gene Expression

TOTAL APPLICATION

COMPATIES REAL ADDRESSE:

ADDRESSE: Jane Massey Liceta Esset, Suite 201

CITYL CHARTY Hill

CITYL CHARTY HILL

CONFITTER PROBLES FORM:

MODITIES: LIM 486

OORNITES: LIM 486

OORNITES: LIM 486

OORNITES: LIM 486

OORNITES: MA 48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Harlow, E, Williamson, N M, Ralston, R, AUTHORS: Helfman, D M, Adams T E.
TITLE: Molecular cloning and in
TITLE: vitro expression of a cDNA for human cellular
TITLE: tunor antigen p53
JOURNAL: Molecular and Cellular Biology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; RELEVANT RESIDUES IN SEQ ID NO: 355 :FROM 1 TO 11 US-08-173-489C-355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordberfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/340,861
                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: p53 gene, nucleotides 1153-1163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. 43;
0; Mismatches
                   PRIOR APPLICATION 1439

APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REPERRICE/DOCKET NUMBER: 26,179
REPERRICE/DOCKET NUMBER: 26,179
REPERRICE/DOCKET NUMBER: 26,179
RELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ ID NO: 355:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
PRIOR PELLCATION DATA:
APPLICATION NUMBER: US/07/987,133
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Matches 9; Conservative
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STATE: California
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    HYPOTHETICAL:
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Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG C. -G.
APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: PROFILE DIAGNOSTIC SCIENCES, INC., 510 EAST 73RD STREET,
                                                                                                                                                 CURPUTER: IBM Compatible,
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,891
                                                                                                                                          3.5" Diskette, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IMP PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/238,200
FILING DATE:
APPLICATION NUMBER: US/07/987,133
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/88,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/98,359
FILING TATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WARDINGY, RICHART OF TELECOMMUNICATION INFORMATION:
FREEEPHONE: (213) 489-1600
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
TENENGER OF TATESTICS:
                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,200
611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 63.6
Matches 7; Conservative
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STRANDEDNESS: single
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MEDIUM TYPE: 3.5" Di
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                   Los Angeles
California
Y: USA
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                                                                                                                                                                                                                                                                             FILING DATE:
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US-09-249-155A-240/c
; Sequence 240, Application US/09249155A
; Patent No. 6538173
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81.8%;
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Best Local Similarity 81.0
        LENGTH: 11

TYPE: nucleic acid
STRANDEDNESS: single
US-09-634-262-104
                                                                                                                                                                                                                     10 CGCCCCTTCCT 20
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-249-155A-240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LENGTH: 11
5494663-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 104, Application US/09634262

Patent No. 6440719

GENERAL INFORMATION:

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: INHIBITING HERPES SIMPLEX

TITLE OF INVENTION: VIRUS REPLICATION

TITLE OF SEQUENCES: 115

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90017

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: IBM COMPATIANE
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE WORDPECK (Version 5.1)
CURREY APPLICATION DATA:
APPLICATION NUMBER: US/09/634,262
FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: May 1, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 22,327
REFERENCE/DOCKET NUMBER: 200/209
TELECHONE: (213) 489-1600
TELECHONE: (213) 955-0440
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: MAY 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        32,327
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TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 30.0
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 cccccugccu 11
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                                                                                                                                                                                                                                                                                                                                                                                                        US-09-340-861-104
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5494663
; Patent No. 5494663
; Patent No. 5494663
; NOTAE, MITSUE; YAMADA, MASAAKI; FURUTANI, YASUJI; YAMAYOSHI, MICHIKO;
; NOTAE, MITSUE; YAMAGISHI, JUNICHI
; ITILE OF INVENTION: TREATMENT OF MICROBIAL INFECTION WITH
; INTERLEUKIN I POLYPEPTIDES
; NUMBER OF SEQUENCES: 34
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/252,826
; FILING DATE: 10-2-UM-19-94
; FRILNG DATE: 30-SEP-1992
; FILING DATE: 30-SEP-1992
; FILING DATE: 23-DEC-1995
; FILING DATE: 23-DEC-1995
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Query Match 30.0%; Score 7.8; DB 1; Length 11; Best Local Similarity 63.6%; Pred. No. 43; Aatches 7; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 11;
                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Heber-Katz, Ellen
TITILE OF INVENTION: Compositions and Methods for Wound;
TITLE OF INVENTION: Healing
TITLE OF INVENTION: Healing
FILE REFERENCE: 00486.78503
CURRENT PLING DATE: 1999-02-12
FRICR APPLICATION NUMBER: US 60/074,737
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-08
PRIOR FILING DATE: 1998-09-28
PRIOR FILING DATE: 1998-09-28
PRIOR FILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 346
SOFTWARE: FEBELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Indels
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                                                                                                                                                                                                                                                                                                                       APPLICANT: Frank, Bruce L.
APPLICANT: Roberts, Peter C.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Mills, John S.
APPLICANT: Mills, John S.
APPLICANT: Slade, Andrew
APPLICANT: Nupp. Raymond
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS
TITLE OF INVENTION: B VIRUS
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
                                                                                                            29.2%; Score 7.6; DB 1; Length 10; 70.0%; Pred. No. 41; tive 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45; ttive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,352
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                               ; Sequence 53, Application US/08468352; Patent No. 5856459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            33,523
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             200 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,
                   LENGTH: 10 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
US-08-675-816-14
                                                                                                                           Best_Local Similarity 70.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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10 YCAYRTCATC 1
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Best Local Similarity
'''a 8; Conserv?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10 TCGACCCTT
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STATE: MA
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STRANDEDNESS:
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US-08-468-352-53/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                            Query Match
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   2; Indels
                                                                                                                                Sequence 2, Application US/10129192A
Patent No. 6908761
GENERAL INFORMATION:
APPLICANT: KATACKA, Kohsuke
ITILE OF INVENTION: TRANSCRIPTION ACTIVATOR
FILE REFERENCE: 069817
CURRENT APPLICATION NUMBER: US/10/129,192A
CURRENT FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: JP 1999-314335
PRIOR FILING DATE: 2000-02-15
PRIOR FILING DATE: 1999-11-04
NUMBER OF SEQ ID NOS: 21
NUMBER OF SEQ ID NOS: 21
   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                      // OTHER INFORMATION: Maf recognition element
US-10-129-192A-2
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NAME: No. 6171864tenburg, Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 750027
TELECOMMUNICATION:
TELECHONE: (206-622-4900
 .;
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INFORMATION FOR SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 30.0
Best Local Similarity 81.8
Matches 9; Conservative
 9; Conservative
                              6 TCATCGCCCT 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          15 CTTCCTAAGCA 25
                                                          11 TCATCACGCCT 1
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                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial
                                                                                                     RESULT 53
US-10-129-192A-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-675-816-14/c
                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 2
LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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Matches
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US-08-173-489C-280
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                                                                                   APPLICANT: Keating, Mark T.
APPLICANT: Mortis, Colleen A.
TITLE OF INVENTION: Diagnosis of Williams Syndrome and
TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
TITLE OF INVENTION: Williams Syndrome of a LIM-Kinase Gene
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 701 East
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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Pred. No. 45;
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Patent No. 5861244

GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S. COMPUTER READABLE FORM:

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYRE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/678,039A

FILING DATE: 10-JUL-1996

CLASSIPICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Saxe, Stephen A.

REGISTRATION NUMBER: 2323-120A

REGISTRATION NUMBER: 2323-120A

TELEFAX: 202-674-1589

TELEFAX: 202-783-6031

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

LENGTH: 10 base pairs

LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                Sequence 5, Application US/08678039A Patent No. 5858662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 28.5%;
Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9 CAACCTCAT 1
                                                                                                                                                                                                                                                                                                                     Washington
                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) ORIGINAL SOURCE
) ORGANISM: HOI
US-08-678-039A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 57
US-08-173-489C-280
US-08-678-039A-5/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                       CITY: V
STATE:
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Gaps
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US-08-265-484B-14/C
; Sequence 14, Application US/08265484B
; Patent No. 5998193
; GENERAL INFORMATION:
    APPLICANT: Stapper, Marianne
; APPLICANT: Stapper, Marianne
; APPLICANT: Perriman, Rhonda
; TITLE OF INVENTION: Ribozymes With Optimized Hybridizing
TITLE OF INVENTION: Arms, Stems And Loops, tRNA Embedded
; TITLE OF INVENTION: Arms, Stems And Loops, tRNA Embedded
; TITLE OF INVENTION: Albozymes and Compositions Thereof
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from C. burnetii
DESCRIPTION: 16s region in Seq ID No. 5861244279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 280 :FROM 1 TO 10
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/265,484B
FILING DATE: 24-JUN-1994
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (212) 708-1880
(212) 246-8959
                                                                                                                                                                                                                                                                    CLASSIFLALLION: 1-2.
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 19518-6
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Cooper & Dunham LLP
1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 10 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (attorney) (212) 2
INFORMATION FOR SEQ ID NO: 280:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12 CCCCTTCCT 20
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STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
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Best Local Similarity
Matches 8; Conserv
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            Indels
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                                                                                                                                                                                                                                          APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crow-Suzanne
APPLICANT: Crow-Suzanne
APPLICANT: Coper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: United States

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,353

FLING DATE: 14-FEB-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Diciglio, Frank S.

REGISTRATION NUMBER: 31,346

REGISTRATION NUMBER: 31,346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Croper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
              ;
          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 7.4; DI
Pred. No. 45;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 188, Application US/08388353
Patent No. 6010895
                                                                                                                                                                                  Sequence 84, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE DOCKET NUMBER: 960
TELECOMUNICATION INFORMATION:
TELEPHONE: (516) 742-433
TELEFA: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: DNA (genomic)
US-08-388-353-84
                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Garden City
STATE: New York
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 88.9
        8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                               2 CACCTCATC 10
                                                                                   10 CACCCCATC 2
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US-08-388-353-188/c
                                                                                                                                                               US-08-388-353-84/c
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        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Learmont, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: Learmont, Jennifer C.
APPLICANT: Crowe, Suzanne
APPLICANT: Crower, Suzanne
APPLICANT: Crooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDERES:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTOMNEY/AGENT INFORMATION:
NAME: Didiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/POCKET NUMBER: 31,346
REFERENCE/FOCKET NUMBER: 31,346
RELEPHONE: (516) 742-4364
TELEFRA: (516) 742-4365
TELEFRA: (516) 742-4365
TELEFRA: 130 901 SANS UR
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: Other Nucleic Acid US-08-265-4848-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 82, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
                             MOLECULE TYPE: DNA (genomic)
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New York
: United States
                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                         9 TCGCCCCTT 17
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Best Local Similarity
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28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45; tive 0; Mismatches 1; Indels
               TELECOMMUNICATION INFORMATION:
TELEPAX: (516) 742-4343
TELEPAX: (516) 742-4366
TELEPAX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 189:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                    TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-388-353-189
                                                                                                                                                                                                                                                                                                        Query Match 28.5
Best Local Similarity 88.5
Matches 8; Conservative
                                                                                                                                                                       nucleic acid
EDNESS: single
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ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BAPT COMPUTER: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
FILING DATE: 14-FEB-1995
                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPAGE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/389,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Didiglio, Frank S.
REGISTRATION NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPRAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 188:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: MODELOWED SINGLE
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: Merhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CORRESPONDENCE ADDRESS:
ADDRESSER: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 189, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
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MOLECULE TYPE: DNA (genomic)
US-08-388-353-188
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Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Garden City
STATE: New York
COUNTRY: United States
                                                                                        New York
: United States
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                                                                                                            COUNTRY: UN
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Pred. No. 45;
0; Mismatches 1; Indels
                                                                                          GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Deacon, Nicholas J.
APPLICANT: Deacon, Jannifer C.
APPLICANT: Coper, David APPLICANT: Crowe, Suzanne
APPLICANT: Crowe, Suzanne
APPLICANT: Coper, David BOO TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESONDE SCALLY, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PRentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4366
TELEPHONE: (516) 742-4366
TELEPHONE: (516) 742-4366
TELEPHONE: (516) 742-4366
TELERA: (516) 742-4366
T
Sequence 190, Application US/08388353 Patent No. 6010895
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Best Local Similarity 88.9%;
Matches 8; Conservative
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us-08-388-353-281/c
; Sequence 281, Application US/08388353
; Patent No. 6010895
; General Information
; APPLICANT: Learmont, Jennifer C.
; APPLICANT: Learmont, Jennifer C.
; APPLICANT: Cooper, David
; TILE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott P.
STREET: 400 Gard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-388-353-280
                                                            United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Garden City
STATE: New York
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 28.5
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                      ZIP: 11530
                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        g
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                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Deacon, Nicholas J.
APPLICANT: Deacon, Nicholas J.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Crower, Scott, Murphy & Presser
ITILE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS: 80
CONFIET: New York
STREET: 400 Garden City Plaza
CITY: Garden City
STREET: Wolf Garden City
STREET: Non-York
COUNTRY: United States
INSTATE: New York
COMPUTER: IBPP Compatible
COMPUTER: IBPP Compatible
COMPUTER: IBPP Compatible
COMPUTER: IBP COMPATION
COMPUTER: IBP COMPATION
CLASSIFICATION NUMBER: 31,346
REGISTRATION NUMBER: 31,446
REGISTRATION NUMBER: 31,42-4343
TELEBROWENCE/DOCKET NUMBER: 91,66
TELEBROWENCE/DOCKET NUMBER: 91,67
TELEBROWENCE/DOCKET NUMBER: 91,742-4343
TELEBROWENCE/D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
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US-08-380-332-280/C
Sequence 280, Application US/08388353
Sequence 280, Application US/08388353
GENERAL INFORMATION:
APPLICANT: Learnont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crower, Suzanne
APPLICANT: Crower, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Scully, Scott, Murphy & Presser
400 Garden City Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 45;
0; Mismatches
                                                                                                                                                                                                                     Sequence 192, Application US/0838353
Patent No. 6010895
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: DNA (genomic) US-08-388-353-192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                           US-08-388-353-192/c
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28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45;
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                                                                                                                                                                                                                                                                          COMPUTER: ILEANABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
CLASSIFICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1955
CLASSIFICATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 9606
TELEPHONE: (516) 742-4366
TELERA: (516) 742-4366
TELERA: (10) DASANG NOM SANG N
Garden City
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Gaps

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28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45;
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  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: GARDEN CLIX
COUNTRY: U.S.A.

ZITY: HISAJO-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
PILING DATE: 07-UN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: W08/388,353
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: NAMA-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: TWAY-1995
APPLICATION NUMBER: PM3021/95
                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: Dale Cooper
APPLICANT: Dale Nicholas STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
     7
                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
     Mismatches
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US-08-488-551B-188/c
; Sequence 188, Application US/08488551B
; Patent No. 601561
; Patent INFORMATION:
; APPLICANT: Nicholas J. Deacon
                                                                                                                                                                                  RESULT 68
US-08-488-551B-84/c
Sequence 84, Application US/08488551B
Patent No. 6015661
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TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (516) 742-4366
INFORMATION FOR ESQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 28.5
Best Local Similarity 88.9
Matches 8; Conservative
  8; Conservative
                                                        2 CACCTCATC 10
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     Matches
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                                                                                                                                                                                                                                                                                        DB 1; Length 10;
                                                                                                                                                                                                                                                                                                                                           1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANDRESEES SCULLY, SCOTT, MURPHY & PRESSER STREET: 400 GARDEN CITY FLAZA CITY: GARDEN CITY FLAZA CITY: GARDEN CITY STATE: 100 GARDEN CITY STATE: 10.8.A. ZIP: 11530-0299 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: Play disk COMPUTER: Play Gibs COMPUTER: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/488,551B FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                        Score 7.4; D
Pred. No. 45;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAX-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-488-551B-82/c
; Sequence 82, Application US/0848B551B
; Patent No. 6015661
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAY-1995
ATTORNEY AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                    ; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic)
US-08-388-353-281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    28.5%;
88.9%;
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                                                                                                                                                                                                                                                                                     Query Match 28.5%;
Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
                                                                                                 LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10 base pairs
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                              9 TCGCCCCTT 17
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Best Local Similarity
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Score 7.4; DB 1; Length 10;
Pred. No. 45;
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US-08-488-551B-190/c
; Sequence 190, Application US/08488551B
; Patent No. 6015661
; GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
TILE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
CORRESPONDENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSE: SCULLY, SCOTT, MURPHY & PRESSER
STRE: NEW YORK
COUNTY: GARDEN CITY
STRET: 400 GARDEN CITY
STRET: 11530-0239
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PM364 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
FILING DATE: 21-FEB-1994
FILING DATE: 21-FEB-1994
FILING DATE: 21-FEB-1994
FILING DATE: 23-DEC-1994
   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRICH APPLICATION DATA:
APPLICATION NUMBER: PM364 (AU)
FILING DATE: 14-FBB-1994
APPLICATION NUMBER: PW0284 (AU)
FILING DATE: 21-FBB-1994
APPLICATION NUMBER: W08/383
FILING DATE: 17-FBB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 11-MAY-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: PN3021/95
FILING DATE: 11-MAY-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: PN3021/95
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Best Local Similarity 88.9%;
Matches 8; Conservative 0
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Pred. No. 45;
0; Mismatches 1; Indels
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 441
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLK, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-029
COMPUTER: IBM PORK
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.25
COMPUTER: PatentIN Release #1.0, Version #1.25
SOFTWARE: PatentIN RELEASION NUMBER: PROSCA #1.0
STILING DATE: 21-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
STELEPHONE: FRANK S. DIGIGILIO
REFERENCE/COCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPRAM: STATOR SEQ ID NO: 188:
SEQUENCE CHARACTERSTICS:
LENGTH: IN Dase pairs
TELENGTH: IN Dase pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 70
US-08-488-551B-189/c
; Sequence 189, Application US/08488551B
; Patent No. 6015661
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
; TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
; CORRESPONDENCE ADDRESS:
ADDRESSE: SCULLY, SCOTT, MURPHY & PRESSER
; STREE: 400 GARDEN CITY PLAZA
CITY: GRADEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
; ZIP: 11530-0299
; COMPUTER REDABLE FORM:
; MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 28.5
Best Local Similarity 88.5
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                            Query Match 28.5%; Score 7.4; DB 1; Length 10; Best Local Similarity 88.9%; Pred. No. 45; Matches 8; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A.

COUNTRY: U.S.A.

ZIP: 11530-0299

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC Compatible

COMPUTER: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,551B

FILING DATE: 07-JUN-1995

PRILING DATE: 14-FEB-1994

APPLICATION NUMBER: PM4002 (AU)

FILING DATE: 12-FEB-1994

APPLICATION NUMBER: RN0284 (AU)

FILING DATE: 13-FEB-1994

APPLICATION NUMBER: US 08/388,353

FILING DATE: 14-FEB-1995

APPLICATION NUMBER: US 08/388,353

FILING DATE: 14-FEB-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 280, Application US/08488551B ; Patent No. 6015661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 88.9
Matches 8; Conservative
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                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9 TCGCCCCTT 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GARDEN CITY
                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSER: SCULLY, SOCTT, MURPHY & PRESSER STREET: 400 GARDEN CITY FLAZA
CITY: GARREN CITY FLAZA
CITY: GARREN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIF: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: BM4002
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 21-FEB-1995
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 21-FEB-1995
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 21-FEB-1995
APPLICATION NUMBER: PM021/95
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REPERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPRANCE/DOCKET NUMBER: 9606Z
TELEPRANCE/DOCKET NUMBER: 9606Z
TELEPRANCE/DOCKET NUMBER: 9606Z
TELEPRANCE/TOCKET NUMBER: 
                  US 08/388,353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-488-551B-192/c; Sequence 192, Application US/08488551B; Patent No. 6015661
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FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 192:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 88.9%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 CACCTCATC 10
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TITLE OF INVENTION: CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT
TITLE OF INVENTION: MULTIPLE GENETIC INFORMATION TO SIMPLE PATTERNS, ARE
TITLE OF INVENTION: PORTABLE AND REUSABLE
FILE REFERENCE: 21416/90184
CURRENT APPLICATION NUMBER: US/09/261,115
CURRENT PILING DATE: 1999-03-03
NUMBER OF SEQ ID NOS: 78
SSOFWARE: Patentin Ver. 2.1
SEQ ID NO 65
LENGTH: 10
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Pred. No. 45;
0; Mismatches 1; Indel8
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                                                                                                 MOLECULE TYPE: Other Nucleic Acid
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Patent No. 6458584
GENERAL INFORMATION:
APPLICANT: MIRZABEKOV, ANDREI
                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GUSCHIN, DMITRY Y.
APPLICANT: SHIK, VALENTINE
APPLICANT: DROBYSHEV, ALEKSEI
APPLICANT: FOTIN, ALEXANDER
APPLICANT: YERSHOW, GENNADIY
APPLICANT: LYSOV, YU
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Best Local Similarity 88.3
NUMBER OF SEQUENCES: 31
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STRANDEDNESS: single
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Best Local Similarity
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Patent No. 6107078
GENERAL INFORMATION:
APPLICANT: Stapper, Marianne
APPLICANT: Stapper, Marianne
APPLICANT: Stapper, Marianne
TITLE OF INVENTION: Ribozymes With Optimized Hybridizing Arms,
TITLE OF INVENTION: Stems And Loops, tRNA Embedded Ribozymes
TITLE OF INVENTION: and Compositions Thereof
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                  US-08-488-551B-281/C

15-08-488-551B-281/C

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15-08-488-551B-281/C

15-08-488-551B-281/C

16-08-488-551B-281/C

17-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-100/C

18-08-48-48-10/C

18-08-48-10/C

18-08-48-48-10/C

18-08-48-10/C

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0; Mismatches
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Best Local Similarity 88.9
Matches 8; Conservative
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , MOLECULE TYPE: DNA
US-08-488-551B-281
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Sequence 28, Application US/09301721A
Fatent No. 6506561
GENERAL INFORMATION:
APPLICANT: CHEVAL, Lydie
APPLICANT: ELALOUF, Jean-Marc
APPLICANT: ELALOUF, Jean-Marc
APPLICANT: WILLON, Beranger
TITLE OF INVENTION: MICROASSAY FOR SERIAL ANALYSIS OF GENE EXPRESSION AND
TITLE OF INVENTION: APPLICATIONS THEREOF
TITLE OF INVENTION: APPLICATIONS THEREOF
TITLE OF APPLICATION NUMBER: US/09/301,721A
CURRENT FILING DATE: 1999-04-29
FRIOR FILING DATE: 1999-01-27
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PATENTIN VEV. 2.1
SEQ ID NO 28
IENGTH: 10
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CRGANISM: Artificial Sequence

FEATURE:

CTHER INFORMATION: Description of Artificial Sequence:synthetic DNA

US-09-301-721A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yasuhiro FURUICHI
APPLICANT: Yuko SHIBATA
APPLICANT: Hiroko FUNAKI
APPLICANT: Eiji OHARA
APPLICANT: Biji OHARA
TITLE OF INVENTON: MARAHIKI
TITLE OF INVENTON: MARAHIKO FOR Synthesizing CDNA from mRNA sample
FILE REFERENCE: 00162/HG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 7.4; DB 1; Length 10;
Pred. No. 45;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28.5%; Score 7.4; DB 1; Length 10, 88.9%; Pred. No. 45;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/508,753B
CURRENT FLING DATE: 2000-06-16
PRIOR APPLICATION NUMBER: JP 9/270324
PRIOR FILING DATE: 1997-09-18
NUMBER OF SEQ ID NOS: 472
SEQ ID NO 423
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 422, Application US/09508753B
Patent No. 6544736
GENERAL INFORMATION:
APPLICANT: Akira SHIMAMOTO
APPLICANT: Yasuhiro FURUICHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 457, Application US/09508753B Patent No. 6544736 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 28.5%;
88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8; Conservative
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Best Local Similarity
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US-09-508-753B-457
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US-09-508-753B-423
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US-09-486-853-16

Sequence 16, Application US/09486853

Sequence 16, Application US/09486853

Setent No. 6461871

GENERAL INFORMATION:

APPLICANT: KUBISTA.

TITLE OF INVENTION: METHOD FOR THE PREPARATION OF A PROBE FOR NUCLEIC ACID HYBRIDIZAL

TITLE OF INVENTION: METHOD FOR THE PREPARATION OF A PROBE FOR NUCLEIC ACID HYBRIDIZAL

TITLE OF INVENTION: METHOD FOR THE PREPARATION OF A PROBE FOR NUCLEIC ACID HYBRIDIZAL

CURRENT APPLICATION NUMBER: US/09/486,853

CURRENT FILING DATE: 1996-09-04-05

FRIOR FILING DATE: 1996-09-04

FRIOR FILING DATE: 1997-05-09

NUMBER OF SEQ ID NOS: 18

SSOFTWARE: Patentin version 3.0

LENGTH: 10
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    Gaps
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Pred. No. 45;
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Pred. No. 45;
    Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hyman, Paul APPLICANT: Hyman, Paul APPLICANT: Williams, Mark TITLE OF INVENTION: STRAED ASSEMBLY OF NANOSTRUCTURES FILE REFERENCE: 8471-010-999 CURRENT APPLICATION NUMBER: US/09/914,259 CURRENT FILING DATE: 2000-11-21 NUMBER OF SEQ ID NOS: 180 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 139 LENGTH: 10
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  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 139, Application US/09914259
Patent No. 6495336
PARERAL INFORMATION:
APPLICANT: Makowski, Lee
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88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) ORGANISM: synthetic construct US-09-486-853-16
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Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 88.9
Matches 8; Conservative
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                                       2 CACCTCATC 10
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                                                                             1 CTCCTCATC 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Matches
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Sequence 12, Application US/08250310

Patent No. 5559005

GENERAL INFORMATION:
APPLICANT: Conder, Michael J.
APPLICANT: Randosek, John
APPLICANT: Randosek, John
APPLICANT: Reeves, Christopher D.
TITLE OF INVENTION: No. 5559005el Bioprocess for Preparing 7-ACA and 7-ADAC NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 84
5256545-10
; Patent No. 5256545
; APPLICANT: BROWN, MICHAEL S.;GOLDSTEIN, JOSEPH L.;RUSSELL,
; DAVID W.;SUDHOF, THOMAS C.
; TITLE OF INVENTION: STEROL REGULATORY ELEMENTS
; NUMBER OF SEQUENCES: 42
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/425,852
; RILING DATE: 20-0CT-1989
; PRIOR APPLICATION NUMBER: 33,330
; RILING DATE: 30-MAR-1987
; APPLICATION NUMBER: 33,081
; RILING DATE: 30-MAR-1987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45;
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Pred. No. 45;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Indels
                                    APPLICANT: Naqui, Mainendra Pandurang
APPLICANT: Naqui, Ali Arif
APPLICANT: Dawan, Om Parkash
APPLICANT: Singh, Anil Kumar
APPLICANT: Barla, Nirmal Kumar
APPLICANT: Barla, Janak Raj
APPLICANT: Bansal, Ram Prakash
ITILE OF INVENTION: Mint Plant Named Saksham
FILE REPERENCE: 033166-002
CURRENT PILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
FINE MINTER APPLICATION
SEQ ID NO 10
FINE BATSEQ for Windows Version 4.0
FILE FARTAING DATE: 100
FURTHER APPLICATION
SEQ ID NO 10
FURTHER APPLICATION
FURTHER APPLICANT
FURTHER APP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28.5%;
88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:

OTHER INFORMATION: OPT primer

US-09-721-777-10
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Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
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US-08-250-310-12
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                                                                             APPLICANT: Hiroko FUNAKI
APPLICANT: Eiji OHARA
APPLICANT: Eiji OHARA
APPLICANT: Masanori WATAHIKI
TITLE OF INVENTION: Method for Synthesizing cDNA from mRNA sample
FILE REFERENCE: 00162/HG
CURRENT APPLICATION NUMBER: US/09/508,753B
CURRENT FILING DATE: 1097-09-18
PRIOR FILING DATE: 1997-09-18
NUMBER OF SEQ ID NOS: 472
IENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Yasuhiro Purulchi
APPLICANT: Yuko SHIBATA
APPLICANT: Yuko SHIBATA
APPLICANT: Hiroko FUNAXI
APPLICANT: Hiroko FUNAXI
APPLICANT: Hij OHARA
APPLICANT: Masanori WATAHIKI
TITLE OP INVENTION: Method for Synthesizing cDNA from mRNA sample
FILE REFERENCE: 00162/HBC
CURRENT APPLICATION NUMBER: US/09/508,753B
PRIOR APPLICATION NUMBER: US/09/508,753B
PRIOR PILING DATE: 1997-709-18
PRIOR FILING DATE: 1997-709-18
NUMBER OF SEQ ID NOS: 472
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  28.5%; Score 7.4; DB 1; Length 10; 88.9%; Pred. No. 45; tive 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NECOLI C. 1820-1628-464/c
; Sequence 464, Application US/09508753B
; Patent No. 654736
; GENERAL INFORMATION:
; APPLICANT: Akira SHIMAMOTO
; APPLICANT: Yasuhiro-Luchi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10, Application US/09721777;
Patent No. PP13279;
GENERAL INFORMATION:
APPLICANT: Khanuja, Suman Preet Singh
APPLICANT: Khanuja, Sushil
APPLICANT: Shasany, Ajit Kumar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                          Yasuhiro FURUICHI
Yuko SHIBATA
Hiroko FUNAKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 28.5
Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
APPLICANT: Akira SHIMAMOTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 TTCGTAAGC 10
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LENGTH: 10
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Patent No. 5834188
GRNERAL INFORMATION:
APPLICANT: HARADA, SHUN-ICHI
APPLICANT: RODAN, GIDEON A.
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING
ITILE OF INVENTION: MRTHODS AND COMPOSITIONS FOR IDENTIFYING
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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                                                                                                                                                                                                                                          Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: PATENT ADMINISTRATOR, TESTA, HURWITZ ADDRESSEE: THIBEAULT STREET: 53 STATE STREET CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/507,598
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: 1..10
. TOTHER INFORMATION: /product= "AP1 MUTATION"
US-08-507-598-3
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                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                          Query Match 26.9%; Score 7; DB 1
Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER, EDWIND R.
REGISSTRATION NUMBER: 27,829
REFERENCY/DOCKET NUMBER: CRP-107
TELEPHONE: (617)-248-7000
TELEFAX: (617)-248-7100
INPORMATION FOR SEQ ID NO: 3:
SEQUENCE GIRARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                              ; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-08-439-404-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
(908) 594-3905
                TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                  LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS: sing
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TELEPHONE:
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US-08-439-404-12
Sequence 12, Application US/08439404
Fatent No. 5629171
GENERAL INFORMATION:
APPLICANT: Conder, Michael J.
APPLICANT: Rambosek, John
APPLICANT: Reeves, Christopher D.
TITLE OF INVENTION: No. 5629171el Bioprocess for Preparing 7-ACA and 7-ADAC
NUMBER OF SEQUENCES:
ADDRESSEE: John W. Wallen, III
STREET: 126 E. Lincoln Ave; P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              26.9%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 52; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 126 E. Lincoln Ave, P.O. Box 2000
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065-0907
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/439,404
FILING DATE: 11-May-1995
CLASSIFICATION: 435
ATTONREY/AGENT INPORMATION:
NAME: Wallen, John M.
REGISTRATION NUMBER: 35,403
REGISTRATION NUMBER: 35,403
REGISTRATION NUMBER: 35,403
                                                                         COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,310
FILING DATE:
CLASSIFICATION NUMBER: US/07/953,492
FILING DATE:
APPLICATION NUMBER: 18572IA
REGISTRATION NUMBER: 26,810
REGISTRATION NUMBER: 18572IA
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                    New Jersey
: USA
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    STATE: NC...
COUNTRY: USA
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                                                                                                              US-08-173-489C-303/C

Sequence 303, Application US/08173489C

Fatent No. S861244

GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
CORRESPONDENCES: 365

CORRESPONDENCES: 365

CORRESPONDENCES: 3165

ADDRESSEE: 510 EAST 73RD STREET,
STREET: 510 EAST 73RD STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: no
ORGATNAL SOURCE:
ORGATINAL SOURCE:
PUBLICATION INFORMATION:
AUTHORS: Welsburg, W G, Hatch, T P, Woese, C R.
TITLE: Bubacterial Origin of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; RELEVANT RESIDUES IN SEQ ID NO: 303 :FROM 1 TO 10 US-08-173-489C-303
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COUNTRY: USA

ZIP: 10021.

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 2.2 DEC 1993
CLASSIFICATION NUMBER: US 07/968,436
FILING DATE: 2.9 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 26,179
TELEPHONE: (attorney) (212) 246-8959
SEDUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JOURNAL: Journal of Bacteriology VOLUME: 167
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3 CCTCATC 9
                                                                                                                                                                                                                                                                                                                                                                                                        CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL: no
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US-08-388-353-193/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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  CAPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EM PC compatible
COMPUTER: THE PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/507,750
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER, EDMUND R.
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-116
TELECOMMUNICATION INFORMATION:
TELECHOME: (617)-248-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc feature LOCATION: 1..1\overline{0} OTHER INFORMATION: /product= "AP1 MUTATION"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Frank-Kamenetskii, Maxim D.
APPLICANT: Peselkov, Alexei G.
APPLICANT: Demidov, Vadim V.
TITLE OF INVENTION: Nucleic Acid Clamps
FILE REFERENCE: BU-03172
CURRENT APPLICATION NUMBER: US/08/905,567
CURRENT FILING DATE: 1997-08-04
EARLIER APPLICATION NUMBER: 08/546,346
EARLIER APPLICATION NUMBER: 08/546,346
SARLIER PILING DATE: 1995-10-20
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-905-567-1
; Sequence 1, Application US/08905567
; Patent No. 6004750
                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617)-248-7100
INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 10 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.v
Thes 7; Conservative
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LENGTH: 10
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RESULT 92

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Gaps
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0
                                   GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: McPhee, Dale A.
APPLICANT: Cooper, David
TILE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER: New York
COMPUTER: New York
COMPUTER: New York
COMPUTER: New York
COMPUTER: STREE: Floppy disk
COMPUTER: STREE: Floppy disk
COMPUTER: STREE: Floppy disk
COMPUTER: STREE: Floppy disk
COMPUTER: DATE STREE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 31,346
TELECOMMUTCATION NUMBER: 9606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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; Patent No. 6010855
; GENERAL INFORMATION:
APPLICANT: Deacont, Jennifer C.
APPLICANT: Learmont, Jennifer C.
APPLICANT: Crowe, Suzanne
APPLICANT: Crowe, Suzanne
APPLICANT: Coper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 10;
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400 Garden City Plaza
Sequence 193, Application US/08388353
Patent No. 6010895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Garden City
STATE: New York
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 400 COTTY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CCACCTC 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 93
US-08-388-353-194/c
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Gaps
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                                                                                                                                                                                                                                                            Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STRET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: PR PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Vergion #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                    26.9%; Score 7; DB 1
100.0%; Pred. No. 52;
Live 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 211, Application US/08388353
; Patent No. 6010895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 96
US-08-388-353-212
; Sequence 212, Application US/08388353
; Patent No. 6010895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: DIGIGILO, Frank S.
REGISTRATION UNDHERS: 31,346
REFERENCE/DOCKET UNDHERS: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-436
TELEFAX: (516) 742-436
INFORMATION FOR SEQ ID NO: 211:
                                                    STRANDEDNESS: Single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: DNA (genomic) US-08-388-353-211
                                                                                                                                                                                                                                                Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                         2 CACCTCA 8
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US-08-388-353-211
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Fatent No. 6010895
Fatent No. 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 10;
                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: U-FEB.1995
CLASSIFICATION: 424
ATTONREY/AGENT INPORMATION:
NAME: Didiglio, Frank S.
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 3606
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-436
TELEPACOMMUNICATION INPORMATION:
TELEPHONE: (516) 742-436
TELERA: (516) 742-436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READBLE FORM:

ZIP: 11530

COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATYONEY/AGENT INFORMATION:
NAME: Didiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEBHOME: (516) 742-4343
TELEBHOME: (516) 742-4343
TELERAX: (516) 742-4346
TELEEX: 230 901 SANG UR
INFORMATION FOR SEQ ID NO: 210: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              26.9%; Score 7; DB 1;
100.0%; Pred. No. 52;
tive 0; Mismatches
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
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Fatent No. 6010895
GENERAL INFORMATION:
APPLICANT: Dearcon, Nicholas J.
APPLICANT: Crowe, Suzanne
APPLICANT: Crowe, Suzanne
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Didigilo, Frank S.
REGISTRATION NUMBER: 31,346
REPERRENCE/DOCKET NUMBER: 9606
RELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4366
TELEFRAX: (516) 742-4366
TELEFRAX: (516) 742-4366
TELEFRAX: (516) 742-4366
TELERORUMICATION SON SON SON SEQ ID NO: 2899:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    26.9%; bcc. No. --. 100.0%; Pred. No. --.
          CURRENT ADDICATION DATA:

APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFFCATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECHANICATION INFORMATION:
TELEFAX: (516) 742-436
TELEFAX: 230 901 SANS UR
TELEFAX: 330 901 SANS UR
TELEFAX: 330 901 SANS UR
TELEFAX: 330 901 SANS UR
TELEFAX: 10 base pairs
TENDENATION FOR SEQ. ID NO: 213:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: NUCleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-388-353-213
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COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 CACCTCA 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-388-353-289/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        OVETWALE. PATENTING SISTEM: EV-DOS/MS-LOUS
SOFTWARE. PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTONREY/AGENT INFORMATION:
NAME: Didiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/POCKET NUMBER: 9606
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4366
TELER: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 212:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Crower, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SURVENTION: 800
CORRESPONDENCE: 800
CORRESPONDENCE: Scully, Scott, Murphy & Presser
                                    APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Crowe, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
CORRESPONDENCE: 800
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Scully, Scott, Murphy & Presser STREET: 400 Garden City Plaza CITY: Garden City STATE: New York COUNTRY: United States ZIP: 11530 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                               ADDRESSEE: Scully, Scott, Murphy & Presser STREET: 400 Garden City Plaza CITY: Garden City CITY: Garden City STATE: New York COUNTRY: United States ZIP: 11530 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 213, Application US/08388353
Patent No. 6010895
               Deacon, Nicholas J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) US-08-388-353-212
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US-08-388-353-213
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                                                        Query Match

26.9%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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                                                                                                                                                                                                                                                                                                                                        APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: Methee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Coper, David
IITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
26.9%; Score 7; D
Best Local Similarity 100.0%; Pred. No.
Matches 7; Conservative 0; Mismatch
                                                                                                                                                                                                                                                                                 Sequence 290, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 424
ATTORNEY FAGENT INPORMATION:
NAME: Didiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPRAN: (516) 742-4343
TELERA: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 290: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-388-353-291/C
Sequence 291, Application US/08388353; Patent No. 6010895; GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
; MOLECULE TYPE: DNA (genomic) US-08-388-353-289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: DNA (genomic) US-08-388-353-290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New York
: United States
                                                                                                                                          13 CCCTTCC 19
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APPLICANT: Knehee, Data A.

APPLICANT: Cooper, Suzanne
APPLICANT: Cooper, David
MURBERS (OF SEQUENCES)

COMMUREN COOPER, David

TITLE OF INVESTION: NON-PURHOGRNIC STRAINS OF HIV-1

COMMUTER RELABLAGE FORM:
MUDBERS (OF SEQUENCES)

CONMUTER: Inited States

CONTTY: Garden City Plasa

CONTTY: United States

CONTTY: United S
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                                                                                                                                                                                                                                                                Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESSE:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: GARDEN CITI
STATE: WIEW YOUN
COUNTRY: U.S.A.
21P: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TBM PC compatible
COMPUTER: TBM PC compatible
COMPUTER: PATENTIN BATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: US/08/488,551B
FILING DATE: US/08/488,551B
FILING DATE: 12-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US/08/484
APPLICATION NUMBER: US/08/48
APPLICATION NUMBER: US/08/388,353
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: US/08/388,353
FILING DATE: US/08/388,353
                                                                                                                                                                                                                                                        Query Match 26.9%; Score 7; DB 1;
Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 194, Application US/08488551B
; Patent No. 6015661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 194:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: GARDEN CITY STATE: NEW YORK
                                                                                                                                                  MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                       1 CCACCTC 7
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US-08-488-551B-194/c
                                                                                           ; STRANDEDNESS:
; TOPOLOGY: li
; MOLECULE TYPE:
US-08-488-551B-193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADJURESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: 1400 GARDEN CITY PLAZA
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RC-DOS/MS-DOS
SOFTWARE: PATENTIN RC-DOS/MS-DOS
SOFTWARE: PATENTIN RC-DOS/MS-DOS
SOFTWARE: PATENTIN NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATPLICATION NUMBER: PM3021/95
A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 26.9%; Score 7; DB 1; Best Local Similarity 100.0%; Pred. No. 52; Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-488-551B-193/c
; Sequence 193, Application US/08488551B
; Patent No. 6015661
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIO., Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 31,346
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 292: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELBEAK: (516) 742-4366
INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , MOLECULE TYPE: DNA (genomic) US-08-388-353-292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (516) 742-4343
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                                                                                      COUNTY WAS AN EXAMPLE FORM:

ZIP: 11530-0299
COMPUTER READBLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
RRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PN0284 (AU)
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAY-1995
APPLICATION NUMBER: PN3021/95
FILING BATE: 17-MAY-1995
APPLICATION NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 212, Application US/08488551B
Patent No. 601561
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: David Cooper
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY PLAZA
CITY: GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: WWW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: Patentl N Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26.9%; bcc.
100.0%; Pred. No. ...
0; Mismatches
400 GARDEN CITY PLAZA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 211
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA
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US-08-488-551B-212
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                                                                   Sequence 210, Application US/08488551B
Fatent No. 6015661
GENERAL INFORMATION:
APPLICANT: Dicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-055/MS-DOS
COMPUTER: SYSTEM: PC-055/MS-DOS
COMPUTER: SYSTEM: PC-055/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

POFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,551B

FILING DATE: 07-JUN 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PM4002 (AU)

FILING DATE: 14-FBB-1994

APPLICATION NUMBER: PM0284 (AU)

FILING DATE: 23-DEC-1994

APPLICATION NUMBER: US 08/388,353

FILING DATE: 17-APY-1995

APPLICATION NUMBER: US 08/388,353

FILING DATE: 17-APY-1995

APPLICATION NUMBER: US 08/388,353

FILING DATE: 17-APY-1995

APPLICATION NUMBER: PN3021/95

FILING DATE: 17-APY-1995

APPLICATION NUMBER: PN3021/95

FILING DATE: 17-APY-1995

APPLICATION NUMBER: PN3021/95

FILING DATE: 17-APY-1995

APPLICATION NUMBER: 9606Z

TELEPRANCE/DOCKET NUMBER: 9606Z

TELEPRANCE/DOCKET NUMBER: 9606Z

TELEPRANCE/SOCKET NUMBER: 9606Z

TELEPRANCE/DOCKET NUMBER: 9606Z

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Patent No. 6015661
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 26.9
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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; TOPOLOGY: linear; MOLECULE TYPE: DNA US-08-488-5518-213
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CACCICA 7
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US-08-488-551B-289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 108
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| Sequence 2113, Application US/08488551B
| Patent No. 6015661
| GENERAL INFORMATION:
| APPLICANT: Nicholas J. Deacon
| APPLICANT: Dale A. McPhee
| APPLICANT: Dale A. McPhee
| APPLICANT: Dale A. McPhee
| APPLICANT: David Cooper TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
| NUMBER OF SEQUENCES: 841
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
| STREET: 400 GARDEN CITY PLAZA
| CITY: GARDEN CITY PLAZA
| CITY: GARDEN CITY
| STREET: New YORK
| COUNTRY: U.S.A. COOPTINES: Eloppy disk
| COMPUTER: IBM PC compatible
| COMPUTER: IBM PC compatible
| OPERATING SYSTEM: PC-005/MS-DOS
| SOFTWARE: Patentin Release #1.0, Version #1.25
| CURRENT APPLICATION DATA: RP11NG DATE: 07-401-1995
| PRIOR APPLICATION NUMBER: PM3864 (AU)
| FILING DATE: 14-FEB-1994
| APPLICATION NUMBER: PM4002 (AU)
| FILING DATE: 14-FEB-1994
| APPLICATION NUMBER: PM4002 (AU)
| PRIOR APPLICATION NUMBER: PM4002 (AU)
| PLICANTON PMADE: PM4002 (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26.9%; Score 7; DB 1; Length 10; 100.0%; Pred. No. 52; 0; Mismatches 0; Indels
FILING DATE: U'-UNN-1232

PROOR APPLICATION DATE:
APPLICATION NUMBER: PM364 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PN0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
ATTOMATE: 14-FEB-1995
ATTOMATE: 17-MAY-1995
ATTOMATON NUMBER: PN3021/95
FILING DATE: 17-MAY-1995
ATTOMATON NUMBER: PN3021/95
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4366
INFORMATION FOR SEQ ID NO: 212: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PNO284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MAX-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100."
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA
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HAME: REMRIE SOGE THE S. DICTION OF STREET STREET NUMBER: 6662

TREACOMMUNICATION INCOMMUTION: 1

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TREACOMMUTICATION INCOMMUTION: 1

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               Length 10;
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Sequence 290, Application US/08488551B
Patent No. 6015661
Patent No
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: A400 GARDEN CITY PLAZA
CITY: A400 GARDEN CITY PLAZA
CITY: A500 GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIPE 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: PRESTEN: PC-DOS/MS-DOS
SOFTWARE: PRESTEN: PRES-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MX-1995
APPLICATION NUMBER: PN3021/95
ATTORNEY/AGENT INFORMATION:
NUMBE: FRANK S. DIGGIGIO
REFERENCE CHARACTERISTICS:
TELECOMMUNICATION INFORMATION:
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 290:
SEQUENCE: CHARACTERISTICS:
LENGTH: LO DASS PARIS
Query Match 26.9%; Score 7; DB 1
Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches
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US-08-488-551B-291/c
; Sequence 291, Application US/08488551B
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Best Local Similarity 100.
Matches 7; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13 CCCTTCC 19
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APPLICANT: DAYLOGUENER

APPLICANT: DAYLOGUENER

APPLICANT: DAYLOGUENER

APPLICANT: DAYLOGUENER

APPLICANT: DAYLOGUENER

APPLICANT: DAYLOGUENER

ADDRESSES: SEGUENERS: MATCH & PRESSER

STREET: GOO GARDER CITY FLAZA

COMPUTER READABLE FORM:

WRITH TISSO-CORP

REPLEATION WRERE: PROJECT COMPANIA

APPLICATION WRERE: PROJECT CITY WRERE: PROJECT STREET

REPRESENCE COCKET WRERE: DAYLOGUENER

ATTORNEY CARRET MARGER: GOO FOR FREE MARGER CARRET MARGE
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APPLICANT: Sederoff, Ronald R.
APPLICANT: Sederoff, Ronald R.
APPLICANT: Sederoff, Ronald R.
APPLICANT: Grattapaglida, David M.
APPLICANT: Grattapaglida, David M.
TITLE OF INVENTION: WCDDY PERENNIALS USING GENETIC MARKERS NUMBER OF SEQUENCES: 26
CORRESPONDENCE S: 26
CORRESPONDENCE S: 26
CORRESPONDENCE DADRESS: 3
ADDRESSE: Kenneth D. Sibley
STRET: Post Office Drawer 34009
CITY: Charlotte
COURTY: Charlotte
STATE: No. 6054634th Carolina
COUNTY: Larlotte
COUNTY: PRODABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/719,337
FILING DATE: 25-SEP-1996
CLASSIFICATION NUMBER: 08/184,567
FILING DATE: 21-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION INFORMATION:
NAME: Sibley, Number: 31,665
REFERENCE/DOCKET NUMBER: 5051-247
TELEPHONE: (919) 881-3175
TELEPHONE: (919) 881-3175
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26.9%; Score 7; DB 1
Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches
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US-08-719-337-12/c
'Sequence 12, Application US/08719337
'Patent No. 6054634
'GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           HIGHWART CHARLES A MUSERLIAN

REGISTRATION NUMBER: 15,683

REFERENCE/DOCKET NUMBER: 253.7

TELECOMMUNICATION INFORMATION:

TELEFRONE: 212-661-8002

INPORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA
                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 250,310
PILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 953,492
FILING DATE: 06-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 77,833
PILING DATE: 15-OCT-1991
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                         FILING DATE: 11-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTTCCTA 21
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ZIP: 11530-0299

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-UN-1995
PRIOR APPLICATION NUMBER: PM464 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM284 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PN0284 (AU)
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MA-1995
APPLICATION NUMBER: PN3021/95
FILING DATE: 17-MA-1995
APPLICATION NUMBER: P006Z
FILING DATE: 17-MA-1995
ATPORNEY/ACATION INFORMATION:
TELEFAX: (516) 742-4343
TELEFAX: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 292:
ENGURNE INCORPATERISTICS:
LENGTH: 10 base pairs
TYPANDEDISSS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 12, Application US/08839327

Patent No. 6017726

GENERAL INFORMATION:
APPLICANT: CONDER, MICHAEL;
APPLICANT: MCADA, PHYLLIS; RAMBOSEK, JOHN;
TITLE OF INVENTION: NOVEL BIOPROCESS FOR
TITLE OF INVENTION: PREPARING 7-ACA AND 7-ADAC;
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: BIERWAN, MUSERLIAN AND ADDRESSEE: LUCAS, LLP STREET: 600 THIRD AVENUE CITY: NEW YORK STATE: NEW YORK COUNTY: USA ZIP: 10016
COMPUTER: READABLE FORM: MEDIUM TYPE: PLOPPY DISK COMPUTER: READABLE FORM: MEDIUM TYPE: PLOPPY DISK COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: MS WORD 97
CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/839,327
FILING DATE: 17-ABF-1997
PRICH APPLICATION DATA: A
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Best Local Similarity 100.'
Matches 7; Conservative
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Gaps

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4 CCTCATC 10
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Patent No. 6071713
GENERAL INFORMATION:
APPLICANT: Conder, Michael J.
APPLICANT: Rambosek, John
APPLICANT: Reeves, Christopher D.
TITLE OF INVENTION: No. 6071713el Bioprocess for Preparing 7-ACA and 7-ADAC NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Wallen, III
STREET: 126 E. Lincoln Ave; P.O. Box 2000
                                                                                                                                                                                                                          ö
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0
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                                                                                                                                                                                Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Atamay
STATE: New Jersey
COUNTRY: USA
ZIP: 07065-0907
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/340,781B
                                                                                                                                                                            26.9%; Score 7; DB 1;
100.0%; Pred. No. 52;
tive 0; Mismatches
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/439,404
FILING DATE: 11-May-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Wallen, John W.
REGISTRATION NUMBER: 35,403
REPRENCE/DOCKET NUMBER: 1857;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3905
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
; INFORMATION FOR SEQ ID NO: 3
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
                                                                                                                                                          Query Match
Best Local Similarity 100.v
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Matches 7; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                          18 CCTAAGC 24
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Sequence 3, Application US/087642A

GENERAL INFORMATION:
APPLICANT: MADAL SHUN-ICH
APPLICANT: SAMPATIAT T. K.
APPLICANT: SAMPATIAN:
METHODS AND CONDUCTOR DAMALOSS
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING
TITLE OF INVENTION: METHODS AND
COUNTRY: USA
COUNT
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Page 44

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US-09-030-156-27
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Sequence 3, Application US/08872859;
Patent No. 6110460
GENERAL INFORMATION:
APPLICANT: SAMPATH, T. K.
TITLE OF INVENTION: MCFHOGEN ANALOGS
INVERS OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: PATENT ADMINISTRATOR, TESTA, HURWITZ & ADDRESSEE: THIBERULT
STREET: 53 STATE STREET
CITY: BOSTON
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .;
0
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LOCATION: 1.10
OTHER INFORMATION: /product= "AP1 SEQUENCE A MUTATION"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 10;
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/764,528
FILING DATE:
FLING DATE:
TLING DATE:
NAME: VITO, CHRISTINE C.
NAME: VITO, CHRISTINE C.
REGISTRATION NUMBER: CRP-127
TELEPHONE: (617)-248-7100
TELEPHONE: (617)-248-7100
INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppdidisk
COMPUTER: IBM PC compatible
FILING DATE: 11-010-1997
FILING DATE: 11-010-1997
FILING PAPLICATION DATA:
APPLICATION NUMBER: 08/507,750
FILING DATE: 26-JUL-1995
ATTOMEY/AGBRI INFORMATION:
ANALY AGBRI INFORMATION:
ANALY AGBRI INFORMATION:
ANALY AGBRI INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 26.9%; Score 7; DB 1;
Best Local Similarity 100.0%; Pred. No. 52;
Matches 7; Conservative 0; Mismatches
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REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)-248-7100
TELEFAX: (617)-248-7100
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4 CCTCATC 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-764-528-3
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Sequence 27, Application US/09030156

Fatent No. 6207373

GENERAL INFORMATION:

APPLICANT: SOSNOWSKI, RONAID G.

TITLE OF INVENTION: METHODS AND APPRAÇUS FOR DETERMINATION OF LENGTH

TITLE OF INVENTION: POLYNORPHISMS IN DNA

FILE REFERENCE: DAVID B. MURPHY: Nanogen 221/157

CURRENT PALLICANTON NUMBER: US/09/030,156

NUMBER OF SEQ ID NOS: 28

NUMBER OF SEQ ID NOS: 28

SEQ ID NO 27

LENGTH: 10

LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: LOPEZ-NIETO, CARLOS E
APPLICANT: NIGAM, SANJAY KUMAR
APPLICANT: NIGAM, SANJAY KUMAR
TITLE OF INVENTION: PROCESSES, APPARATUS AND COMPOSITIONS FOR
TITLE OF INVENTION: CHARACTERIZING NUCLEOTIDE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Unknown Organism: Primer US-08-522-384-24
                                                                                                                                                                                                                                                                                                                                           0; Indels
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                                                                                                                                                                                                                                                                                               Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 10;
                                                                                                                                                                            NAME/KEY: misc_feature
| LOCATION: 1..10
| SOTHER INFORMATION: /product= "AP1 MUTATION"
US-08-872-859-3
                                                                                                                                                                                                                                                                                        Query Match 26.9%; Score 7; DB 1; Best Local Similarity 100.0%; Pred. No. 52; Matches 7; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             26.9%; Score 7; DB 1;
100.0%; Pred. No. 52;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 2458-4029
CURRENT APPLICATION NUMBER: US/08/522,384
CURRENT FILING DATE: 1996-11-15
NUMBER OF SEQ ID NOS: 122
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-522-384-24
; Sequence 24, Application US/08522384
; Patent No. 6110667
                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                     4 CCTCATC 10
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FEATURE:
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APPLICANT: Case, Casey C.
APPLICANT: Cox III, George N.
APPLICANT: Jamieson, Andrew
APPLICANT: Sengamo Biosciences, Inc.
APPLICANT: Sangamo Biosciences, Inc.
APPLICANT: Sangamo Biosciences, Inc.
TITLE OF INVENTION: Selection of Sites for Targeting by Zinc Finger
TITLE OF INVENTION: Proteins and Methods of Designing Zinc Finger
TITLE OF INVENTION: to Bind to Preselected Sites
FILE REFERENCE: 0.1946-00180003
CURRENT APPLICATION NUMBER: US/09/229,007A
CURRENT APPLICATION NUMBER: US/09/229,007A
SOFTWARE: PatentIn Ver. 2.1
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 81
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                                                                                                                                                                                             Sequence 27, Application US/09645757

Sequence 27, Application US/09645757

General INCORMATION:
APPLICANT: SOSIOWSKI, Ronald G. TITLE OF INVENTION: POLYMORPHISMS IN DNA
FILLE OF INVENTION: POLYMORPHISMS IN DNA
FILE REFERENCE: DAVID B. MURPHY: Nanogen 256/229

CURRENT APPLICATION NUMBER: US/09/645,757

CURRENT FILING DATE: 2000-08-24

SOFTWARE: Patentin Ver: 2.0

SEQ ID NOS: 28
                           Gaps
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100.0%; Pred. No. 52;
tive 0; Mismatches
Best Local Similarity 100.0%; Pred. No. 52; Matches 7; Conservative 0; Mismatches
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100.0%; Pred. No. 52;
iive 0; Mismatches
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Sequence 81, Application US/09229007A
Patent No. 6453242
GRERAL INPORMATION:
APPLICANT: Eisenberg, Stephen P.
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Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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; ORGANISM: Homo sapiens
US-09-645-757-27
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                                                            15 CTTCCTA 21
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                                                                                   10 CTTCCTA 4
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RESULT 122

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US-09-508-753B-128/C

Sequence 128, Application US/09508753B
Patent No. 6544736
GENERAL INFORMATION:
APPLICANT: Akira SHIMAMOTO
APPLICANT: Yuko SHIBATA
APPLICANT: Yuko SHIBATA
APPLICANT: Hiroko FUNAKI
APPLICANT: Hiroko FUNAKI
APPLICANT: Horoko FUNAKI
APPLICANT: HOROREN: US/09/508,753B
CURRENT FILING DATE: 2000-06-16
PRIOR APPLICATION NUMBER: JP 9/270324
PRIOR FILING DATE: 1997-09-18
MUMBER OF SEQ ID NOS: 472
SEQ ID NO 128
LENGTH: 10

"LENGTH: 10

"LENGTH: 10

"THE CONTROL OF THE CONTROL OF 
Sequence 52, Application US/09508753B

Sequence 52, Application US/09508753B

Patent No. 6544736

GENERAL INFORMATION:
APPLICANT: Akira SHIMAMOTO
APPLICANT: Yasuhiro FURUICHI
APPLICANT: Yuko SHIBATA
APPLICANT: Hiroko FUNAKI
APPLICANT: Masanori WATAHIKI
TITLE OF INVENTION: Method for Synthesizing CDNA from mRNA sample
FILE REFERENCE: 00162/HG
CURRENT APPLICATION NUMBER: US/09/508,753B
CURRENT FILING DATE: 200-06-16
PRIOR APPLICATION NUMBER: JP 9/270324

PRIOR RILING DATE: 1097-09-18

NUMBER OF SEQ ID NOS: 472

SEQ ID NO 52

LENGTH: 10
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100.0%; Pred. No. 52;
ative 0; Mismatches
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US-10-108-280-27/c
; Sequence 27, Application US/10108280
; Patent No. 6753148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 7; Conserv
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Michelotti, Emil
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LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity luv.
7, Conservative
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                                                                                                                                                                                                                                                                                                                          SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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GENERAL INFORMATION:

APPLICANT: Elsenberg, Stephen P.

APPLICANT: Case, Casey C.

APPLICANT: Case, Casey C.

APPLICANT: Case, Casey C.

APPLICANT: Sangamo Bloosciences, Inc.

APPLICANT: Sangamo Bloosciences, Inc.

APPLICANT: Sangamo Bloosciences, Inc.

APPLICANT: Sangamo Bloosciences, Inc.

TITLE OF INVENTION: Proteins and Methods of Designing Zinc Finger Proteins of TITLE OF INVENTION: Proteins and Methods of Designing Zinc Finger Proteins; TITLE OF INVENTION: Proteins and Methods of Designing Zinc Finger Proteins; FILE REFERENCE: 019496-001800US; CURRENT APPLICATION NUMBER: US/10/113,424; CURRENT FILING DATE: 1999-01-12

NUMBER OF SEQ ID NOS: 97

SEQ ID NOS: 97

LENGTH: 10
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          APPLICANT: SOSIOWSKI, RONALD G.
TITLE OF INVENTION: METHODS AND APPARATUS FOR DETERMINATION OF LENGTH
TITLE OF INVENTION: POLYMORPHISMS IN DNA
FILE REPERENCE: DAVID B. WURPHY: Nanogen 256/229
CURRENT APPLICATION NUMBER: US/10/108,280
CURRENT FILING DATE: 2002-03-25
PRIOR PILING DATE: 2000-08-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 27
LENGTH: 10
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; OTHER INFORMATION: Soybean FAD2-1 CDNA target segment FAD
US-10-113-424-81
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100.0%; Pred. No. 52;
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tive 0; Mismatches
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; Sequence 32, Application US/09875453B
; Patent No. 6838556
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungsuh P.
; APPLICANT: Starr, Douglas B.
; APPLICANT: Tam, Albert W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 81, Application US/10113424
Patent No. 6785613
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laurance, Megan E
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Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                             TYPE: DNA
GRGANISM: Homo sapiens
US-10-108-280-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Glycine max
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US-10-113-424-81/c
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APPLICANT:
APPLICANT:
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Gaps
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APPLICANT: Velligan, Mark D.
APPLICANT: Latour, Derek R.
APPLICANT: Latour, Derek R.
APPLICANT: Thomas, Rita L.
APPLICANT: Sheppard, Liana T.
APPLICANT: Sheppard, Liana T.
APPLICANT: Bruice, Thomas W.
TITLE OF INVENTION PROMOTERS FOR REGULATED GENE EXPRESSION FILE REFERENCE: 54600-8135.US00
CURRENT APPLICATION NUMBER: US/09/875,453B
CURRENT APPLICATION NUMBER: US 60/209,549
PRIOR APPLICATION NUMBER: US 60/209,549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: EN PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/956,518A
FILING DATE: 23-OCT-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 110, Application US/08956518A
; Sequence 687566
; GENERAL INFORMATION:
    APPLICANT: Leonard, Sherry
; APPLICANT: Freedman, Robert
; TITLE OF INVERTION: ALPHA-7 NICOTINIC RECEPTOR
; VUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ADDRESSEE: ADDRESSEE: ADDRESSEE: ADDRESSEE: ADDRESSEE: CONTY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
. 52;
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100.0%; Pred. No. 52;
ative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: MacKinght, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: UTC-03042
TELECOMUNICATION INFORMATION:
TELEPHONE: 415-705-8410
TELEPRES: 415-397-8338
INFORMATION FOR SEQ ID NO: 110:
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 246
SOFTWARE: FastSEQ for Windows Version 4.0
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DESCRIPTION: /desc = "DNA"
US-08-956-518A-110
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Length 10;		0. Indela
Score 7; DB 1;	Best Local Similarity 100.0%; Pred. No. 52;	0: Mismatches
26.9%;	100.08;	tive
	Similarity	7; Conserva
Query Match	Best Local	Matches

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<sup>20</sup> TAAGCAT 26 ||||||| 2 TAAGCAT 8

Search completed: May 9, 2006, 16:54:32 Job time : 0.001 secs

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